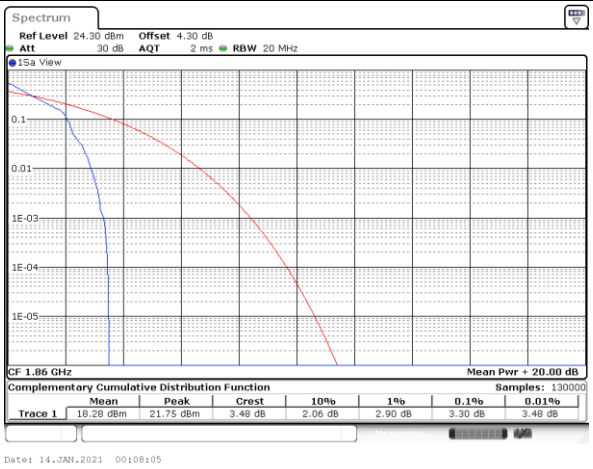
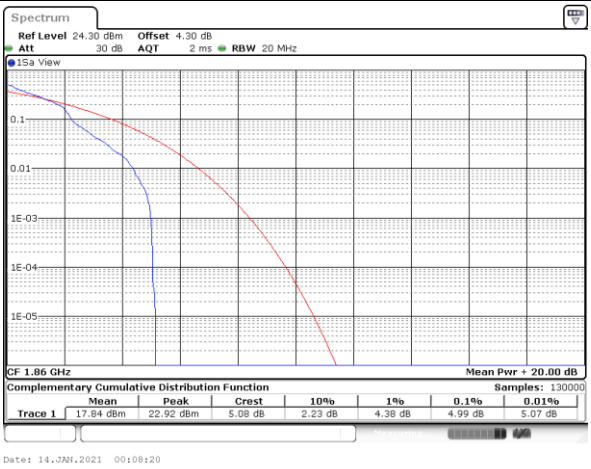
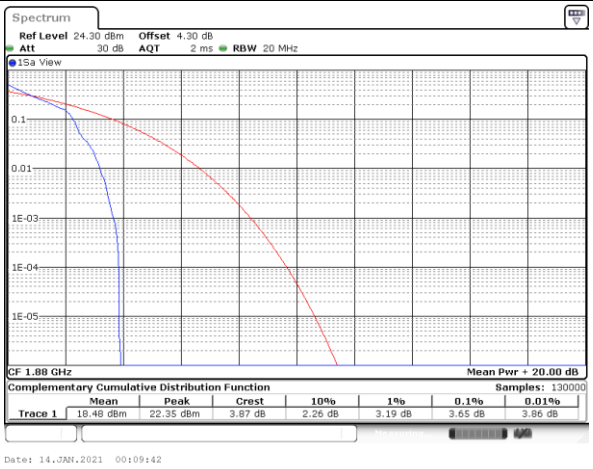
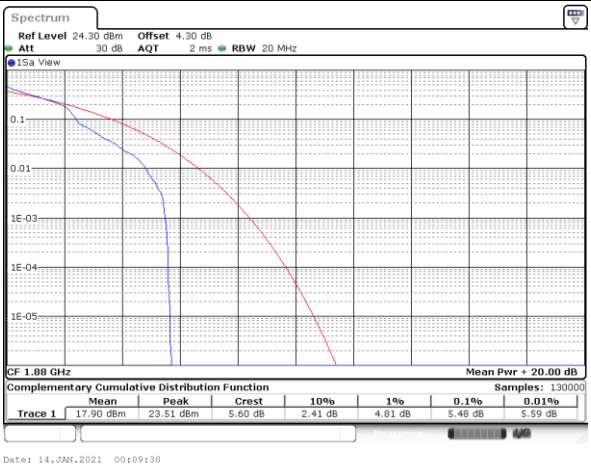
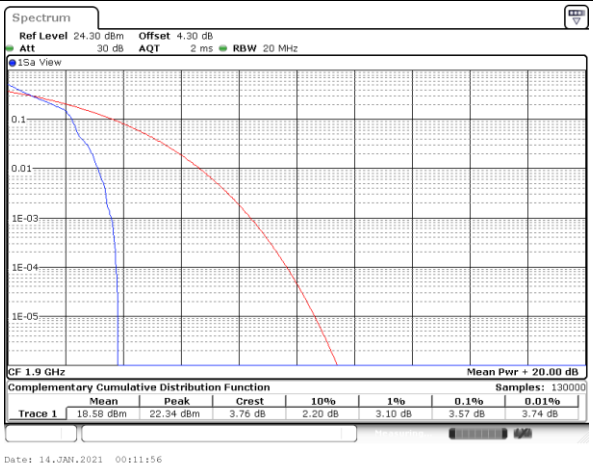
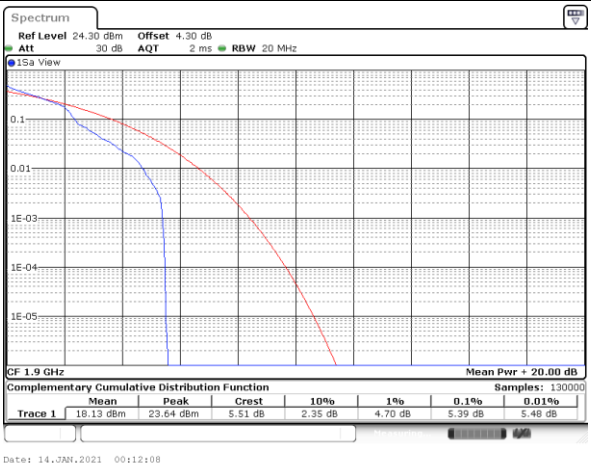
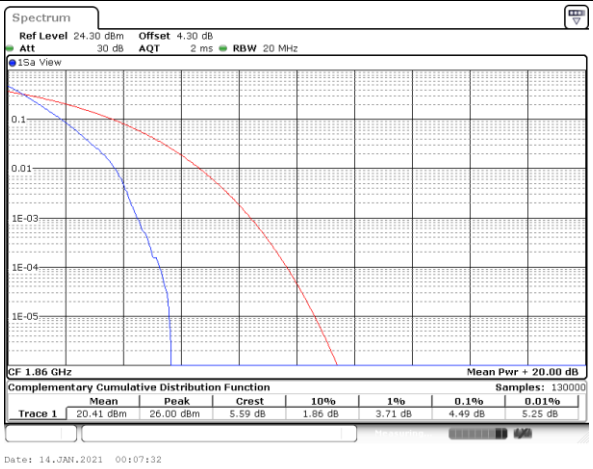
FR1 n2+5A / 20MHz / DFT-S OFDM	
PI/2 BPSK	**QPSK**
Lowest Channel / 1RB	**Lowest Channel / 1RB**
	
Middle Channel / 1 RB	**Middle Channel / 1 RB**
	
Highest Channel / 1 RB	**Highest Channel / 1 RB**
	

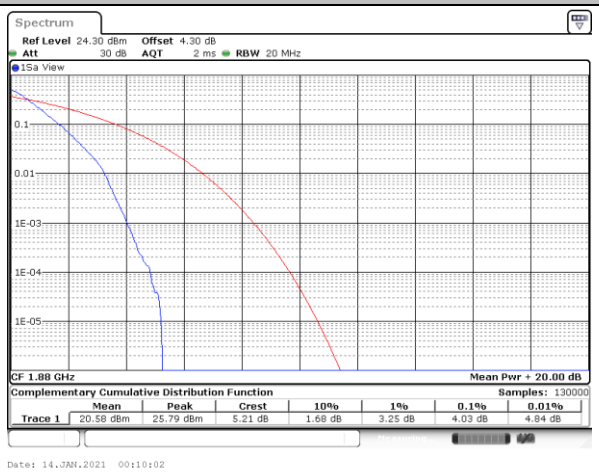
FR1 n2+5A / 20MHz / DFT-S OFDM

PI/2 BPSK

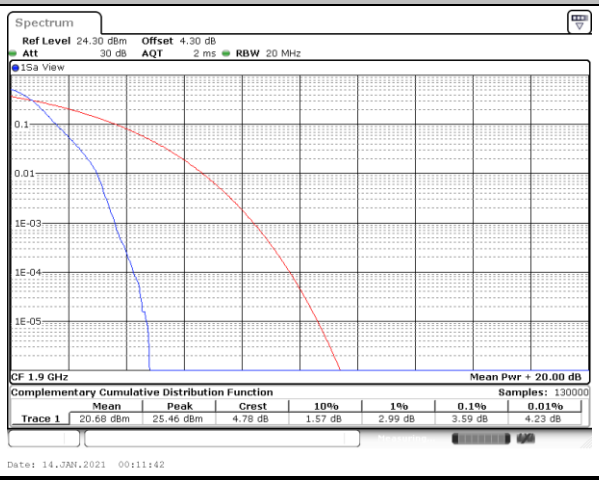
Lowest Channel / Full RB



Middle Channel / Full RB

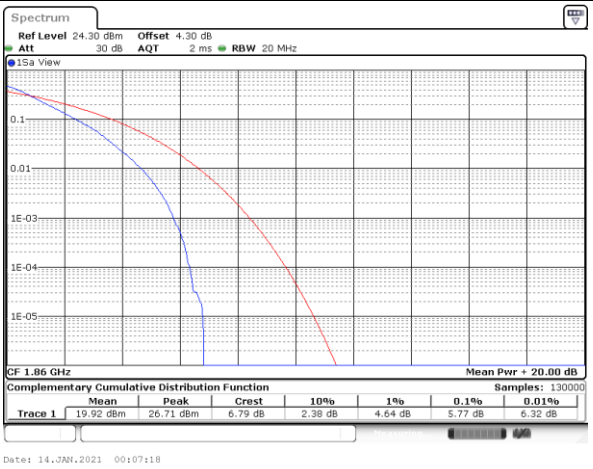


Highest Channel / Full RB

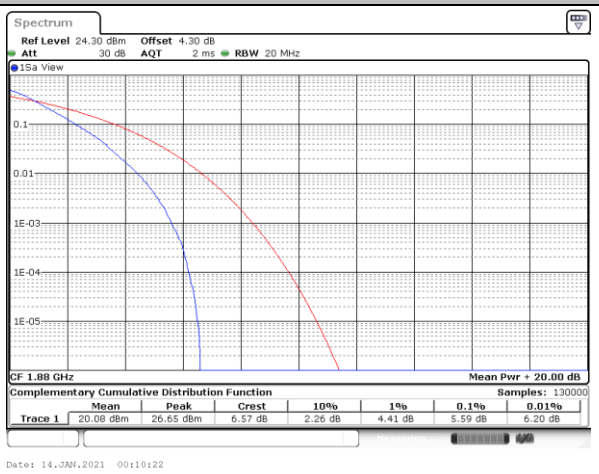


QPSK

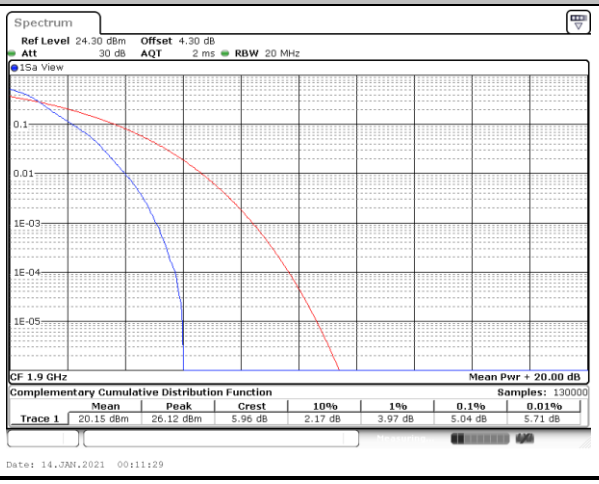
Lowest Channel / Full RB



Middle Channel / Full RB



Highest Channel / Full RB



26dB Bandwidth

Mode	FR1 n2+5A : 26dB BW(MHz) / CP-OFDM							
BW	5MHz	5MHz	5MHz	5MHz				
Mod.	QPSK	16QAM	64QAM	256QAM				
Middle CH	4.87	4.91	4.91	4.91				

Mode	FR1 n2+5A : 26dB BW(MHz) / CP-OFDM							
BW	10MHz	10MHz	10MHz	10MHz				
Mod.	QPSK	16QAM	64QAM	256QAM				
Middle CH	9.77	9.95	9.87	9.79				

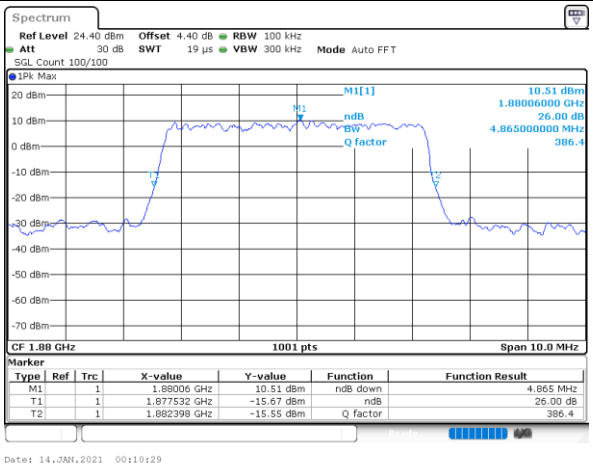
Mode	FR1 n2+5A : 26dB BW(MHz) / CP-OFDM							
BW	15MHz	15MHz	15MHz	15MHz				
Mod.	QPSK	16QAM	64QAM	256QAM				
Middle CH	14.96	14.96	14.87	14.84				

Mode	FR1 n2+5A : 26dB BW(MHz) / CP-OFDM							
BW	20MHz	20MHz	20MHz	20MHz				
Mod.	QPSK	16QAM	64QAM	256QAM				
Middle CH	19.98	19.78	20.06	20.02				

FR1 n2+5A / 5MHz / CP-OFDM

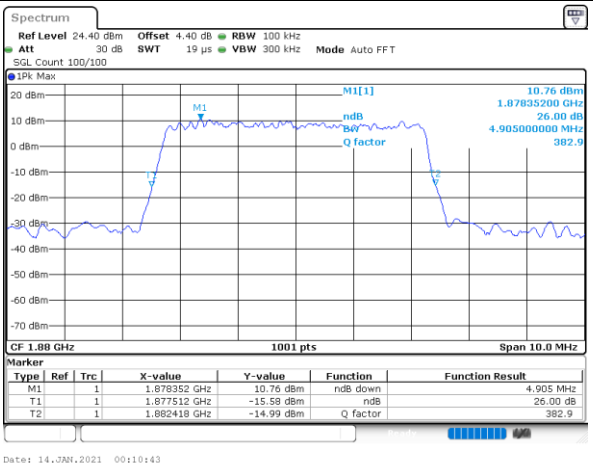
QPSK

Middle Channel



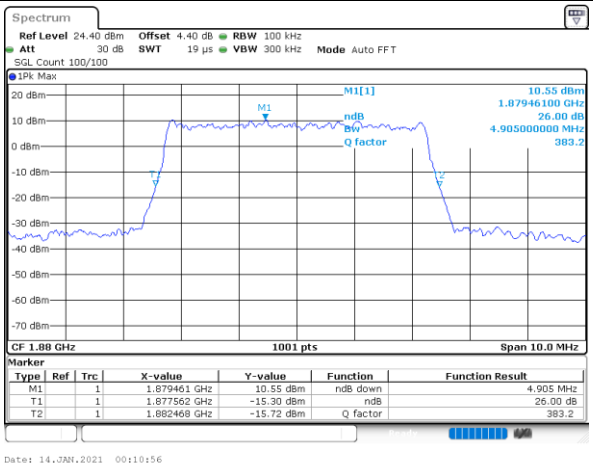
16QAM

Middle Channel



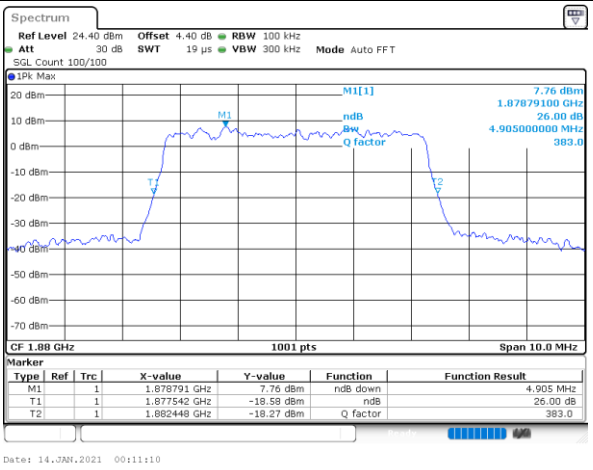
64QAM

Middle Channel



256QAM

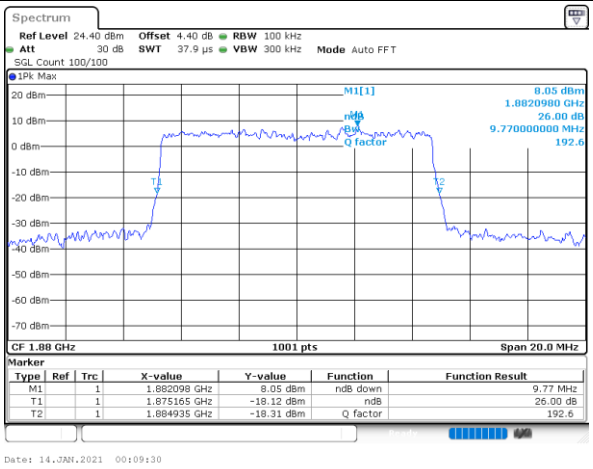
Middle Channel



FR1 n2+5A / 10MHz / CP-OFDM

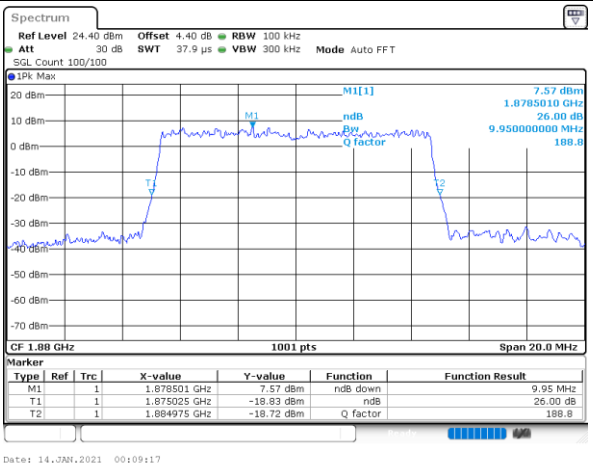
QPSK

Middle Channel



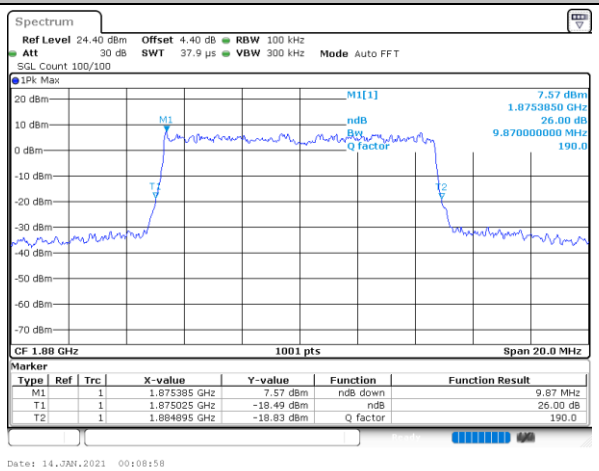
16QAM

Middle Channel



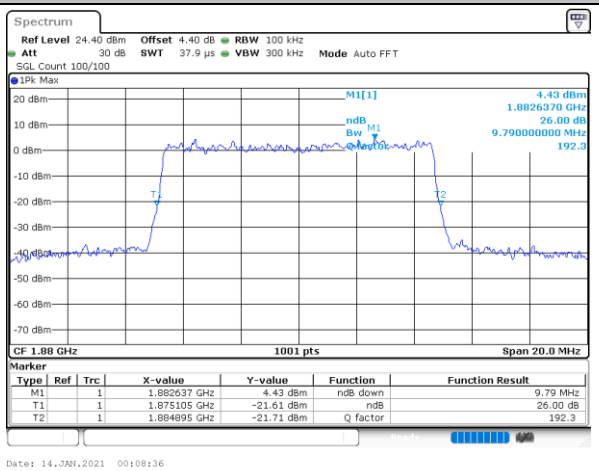
64QAM

Middle Channel



256QAM

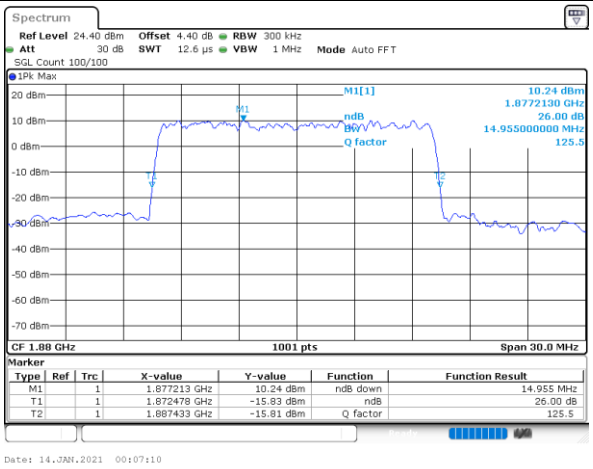
Middle Channel



FR1 n2+5A / 15MHz / CP-OFDM

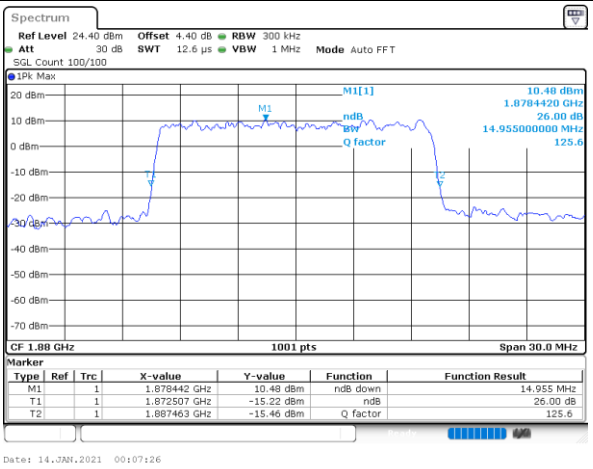
QPSK

Middle Channel



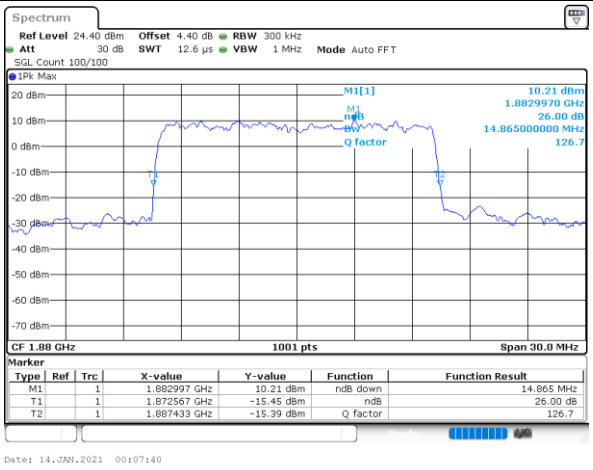
16QAM

Middle Channel



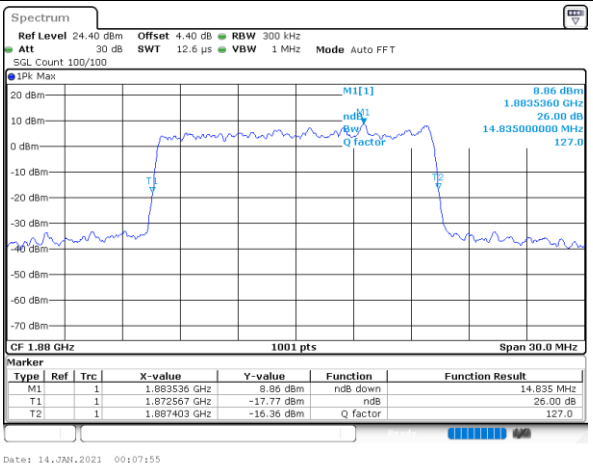
64QAM

Middle Channel



256QAM

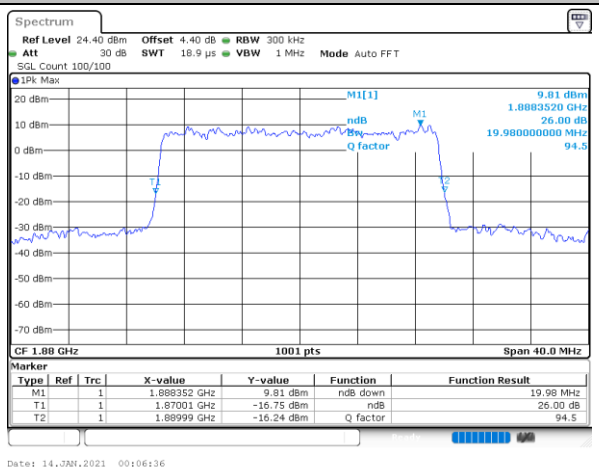
Middle Channel



FR1 n2+5A / 20MHz / CP-OFDM

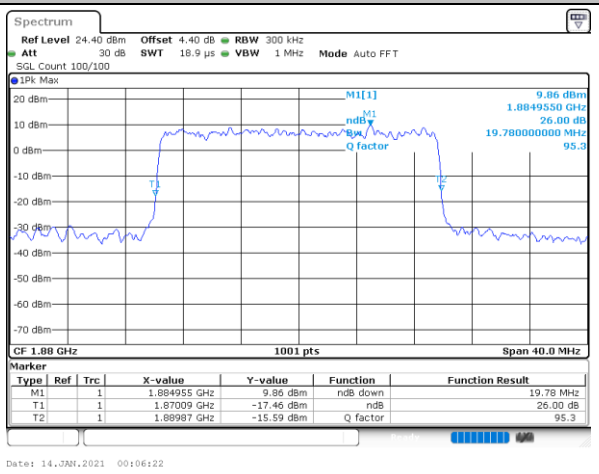
QPSK

Middle Channel



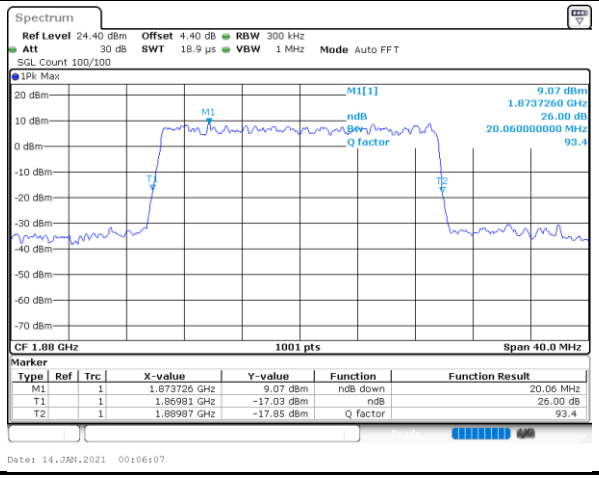
16QAM

Middle Channel



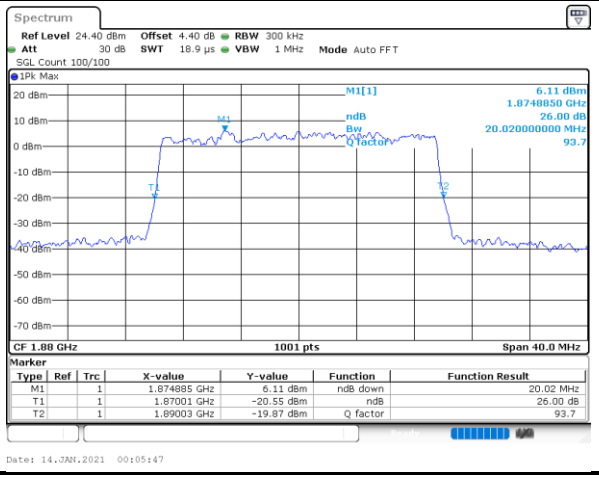
64QAM

Middle Channel



256QAM

Middle Channel



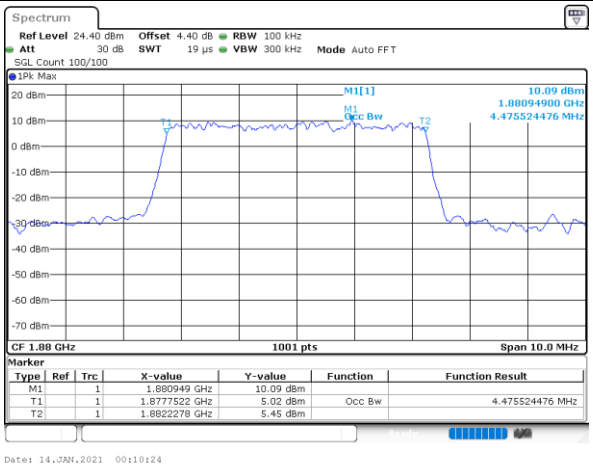
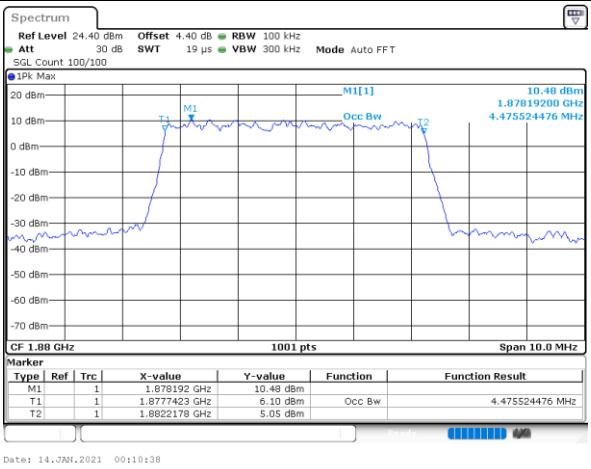
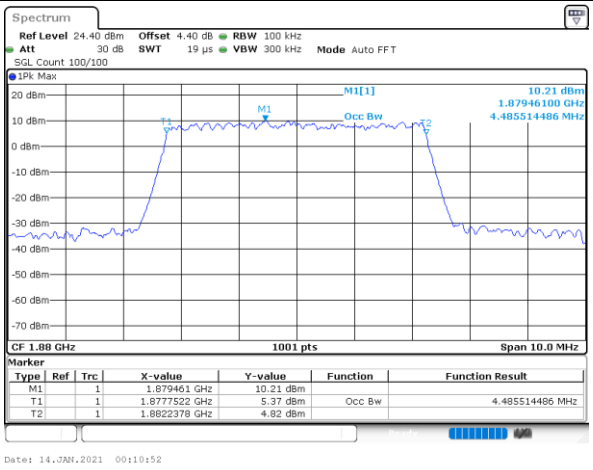
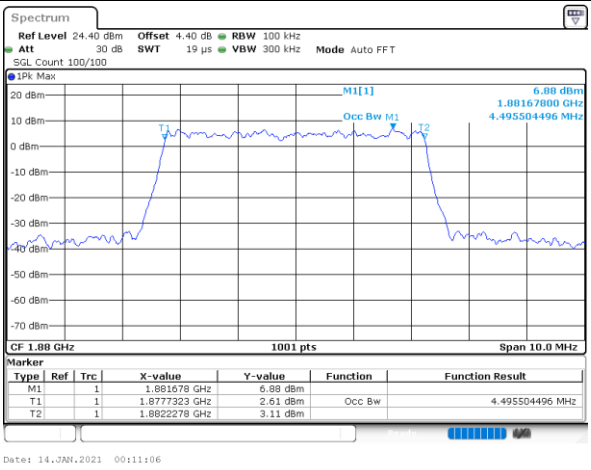
Occupied Bandwidth

Mode	FR1 n2+5A : OBW(MHz) / CP-OFDM							
BW	5MHz	5MHz	5MHz	5MHz				
Mod.	QPSK	16QAM	64QAM	256QAM				
Middle CH	4.48	4.48	4.49	4.50				

Mode	FR1 n2+5A : OBW(MHz) / CP-OFDM							
BW	10MHz	10MHz	10MHz	10MHz				
Mod.	QPSK	16QAM	64QAM	256QAM				
Middle CH	9.27	9.29	9.29	9.27				

Mode	FR1 n2+5A : OBW(MHz) / CP-OFDM							
BW	15MHz	15MHz	15MHz	15MHz				
Mod.	QPSK	16QAM	64QAM	256QAM				
Middle CH	14.18	14.09	14.15	14.15				

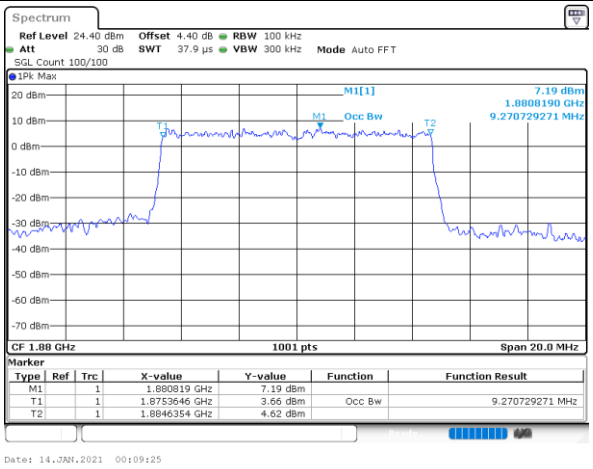
Mode	FR1 n2+5A : OBW(MHz) / CP-OFDM							
BW	20MHz	20MHz	20MHz	20MHz				
Mod.	QPSK	16QAM	64QAM	256QAM				
Middle CH	18.98	18.98	18.98	18.94				

FR1 n2+5A / 5MHz / CP-OFDM	
QPSK	**16QAM**
Middle Channel	**Middle Channel**
	
64QAM	**256QAM**
Middle Channel	**Middle Channel**
	

FR1 n2+5A / 10MHz / CP-OFDM

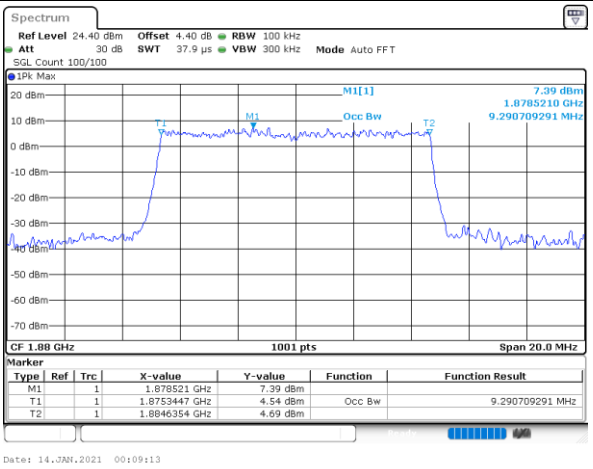
QPSK

Middle Channel



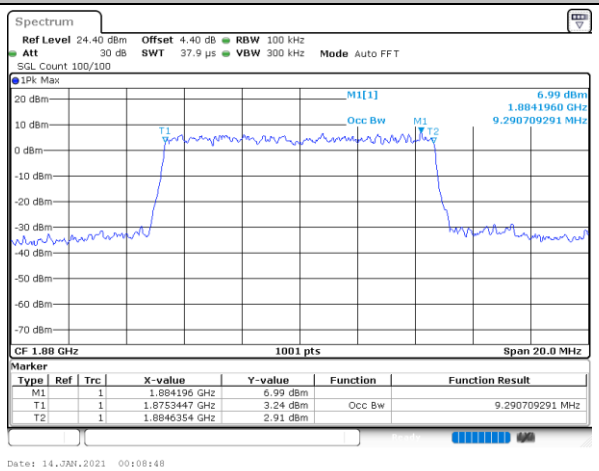
16QAM

Middle Channel



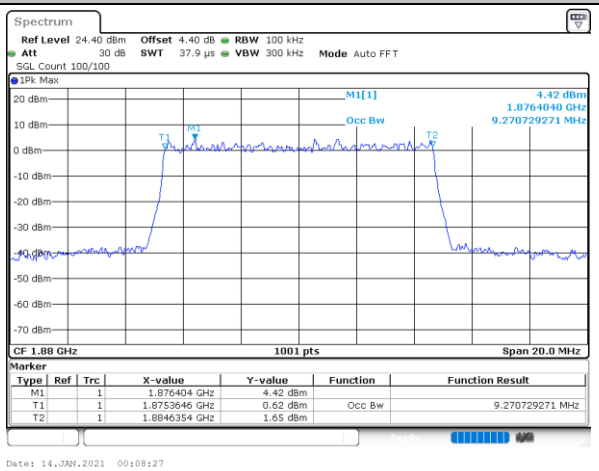
64QAM

Middle Channel



256QAM

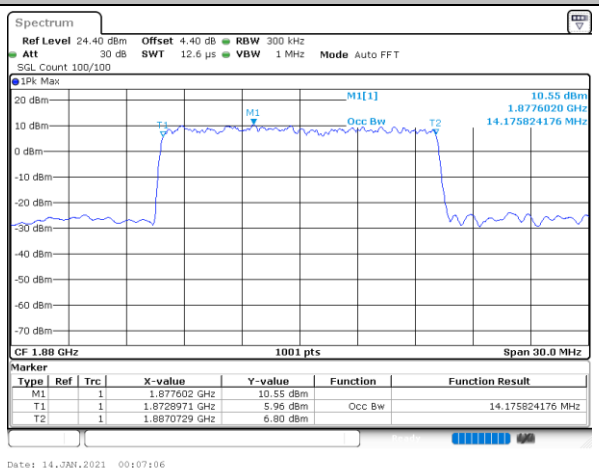
Middle Channel



FR1 n2+5A / 15MHz / CP-OFDM

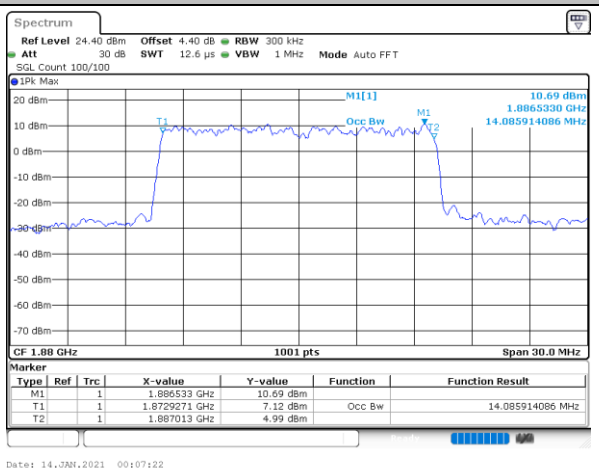
QPSK

Middle Channel



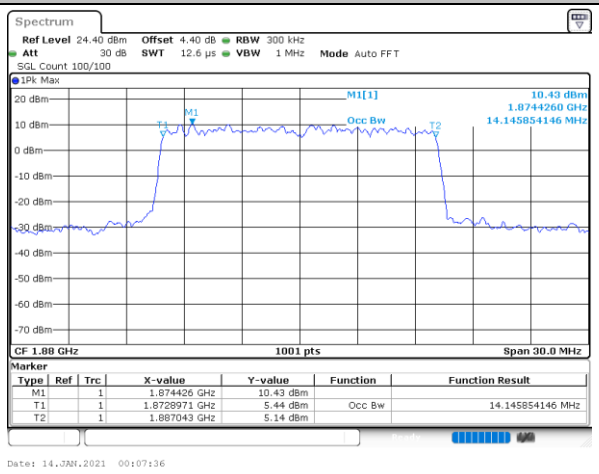
16QAM

Middle Channel



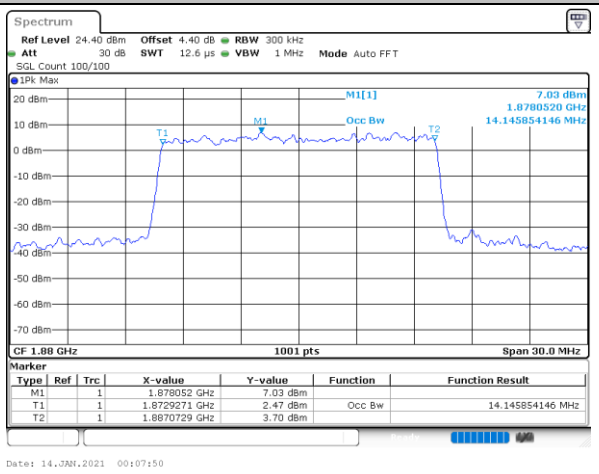
64QAM

Middle Channel



256QAM

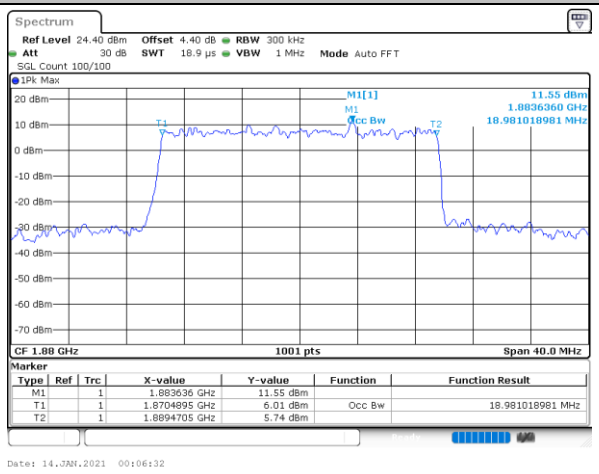
Middle Channel



FR1 n2+5A / 20MHz / CP-OFDM

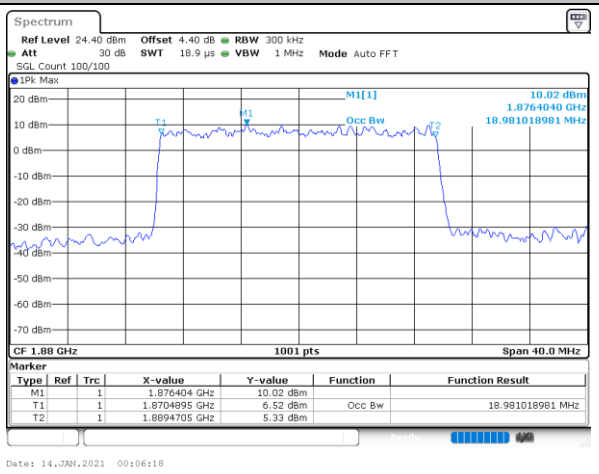
QPSK

Middle Channel



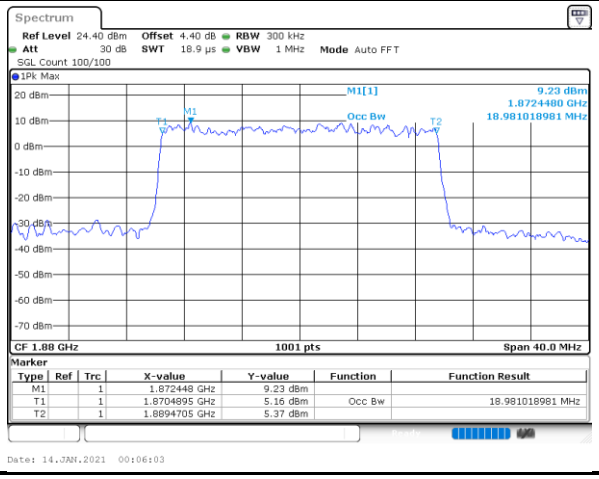
16QAM

Middle Channel



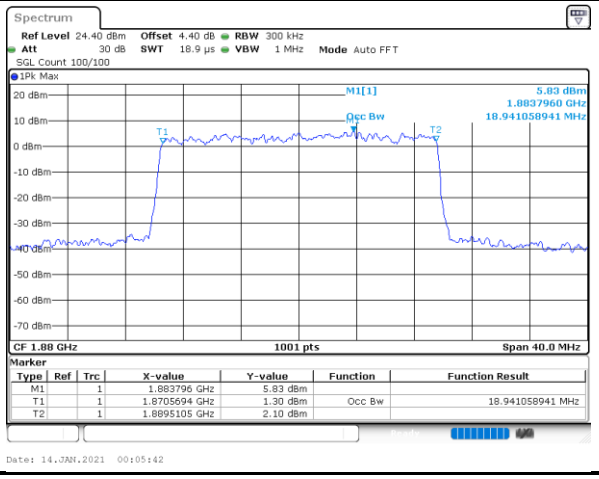
64QAM

Middle Channel

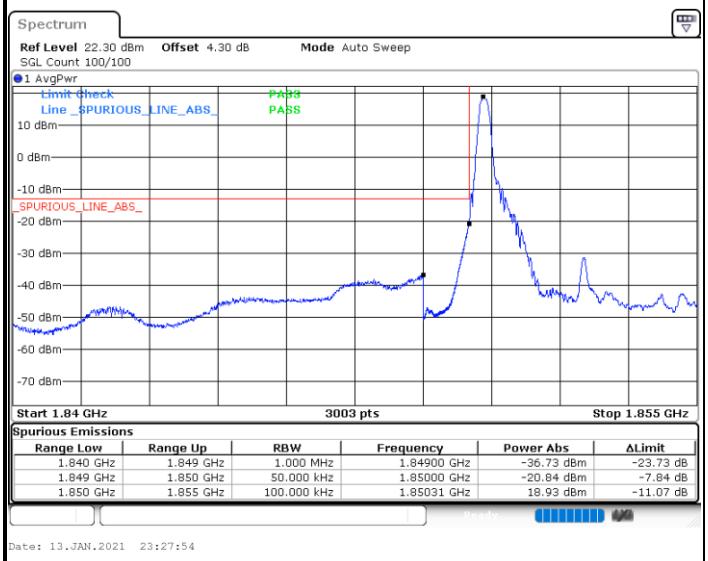
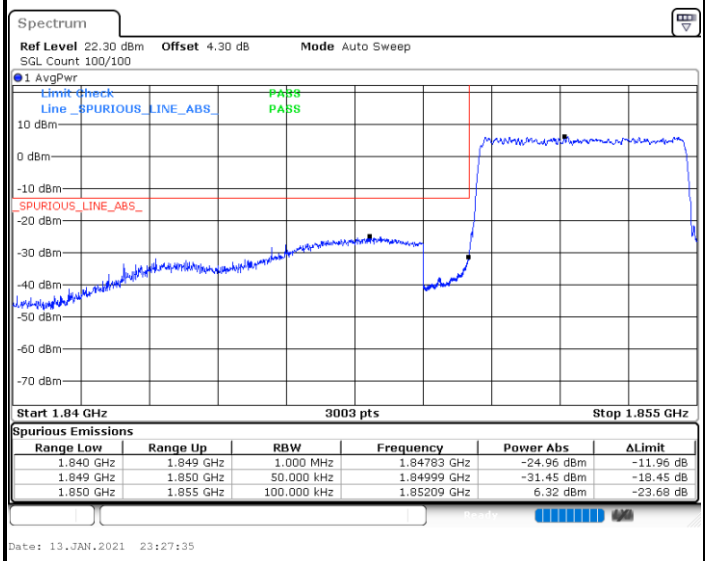


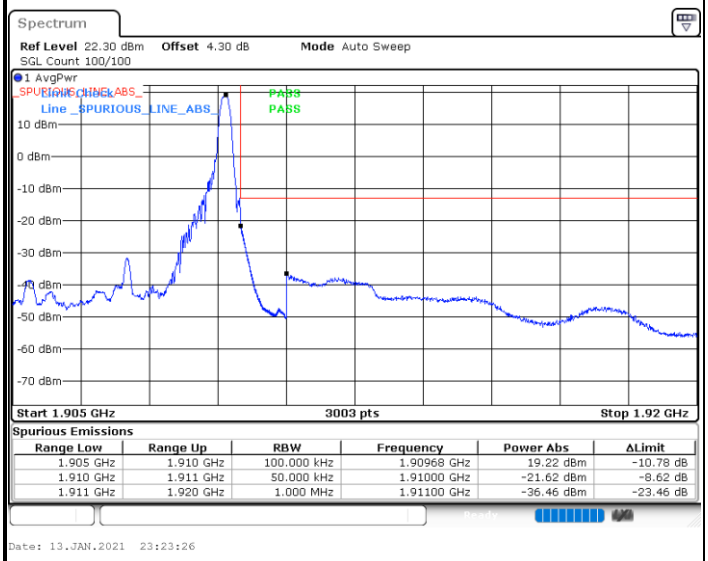
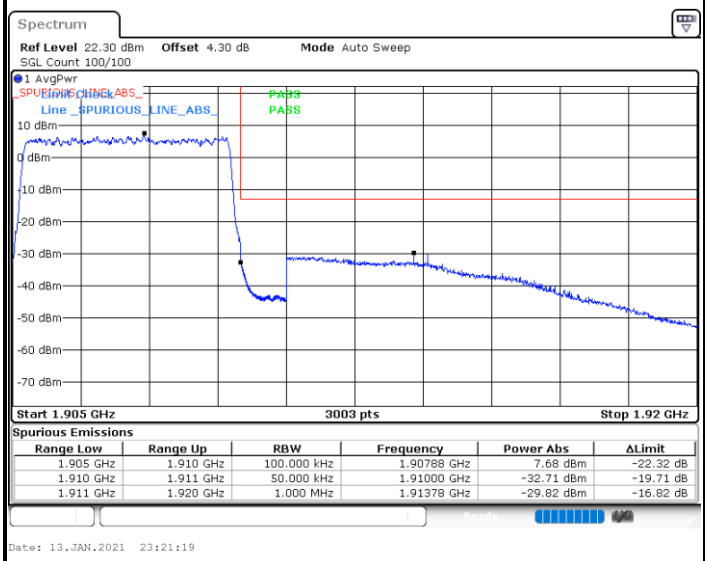
256QAM

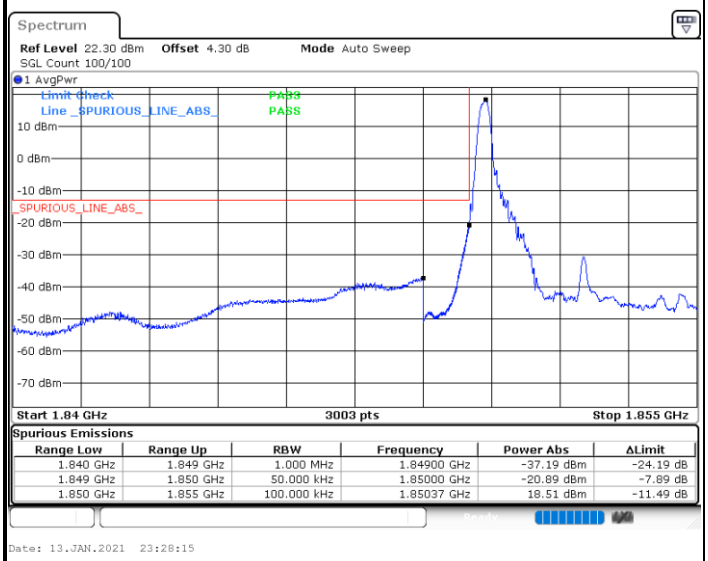
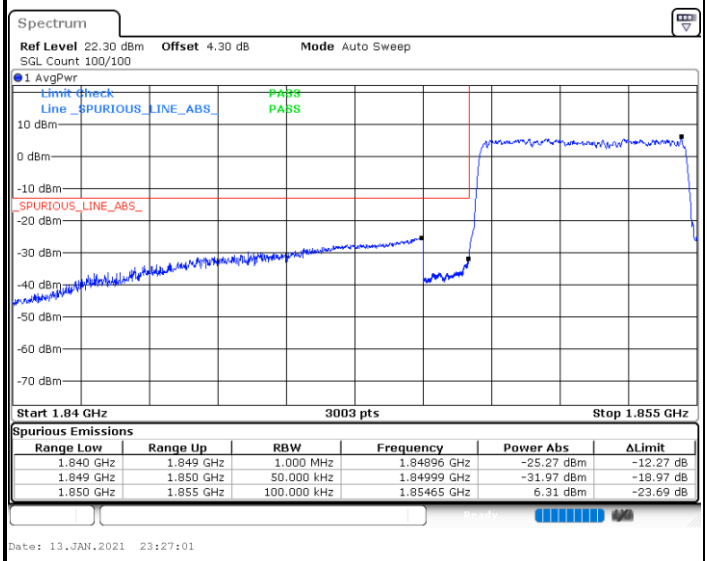
Middle Channel

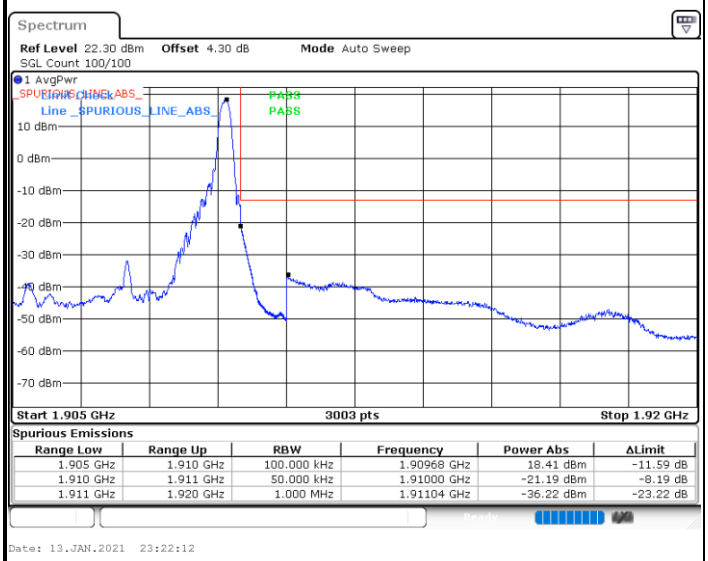
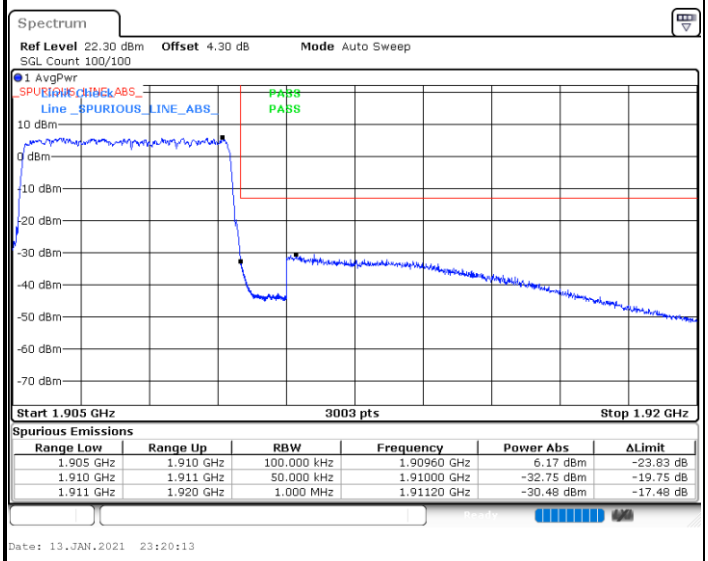


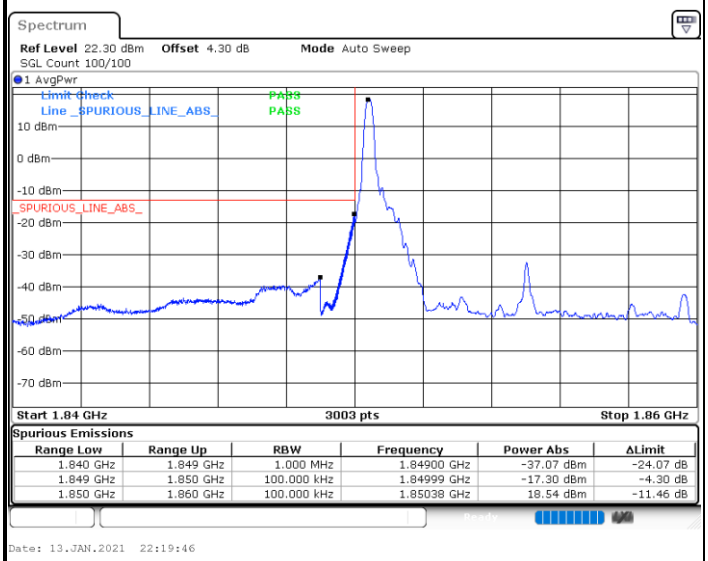
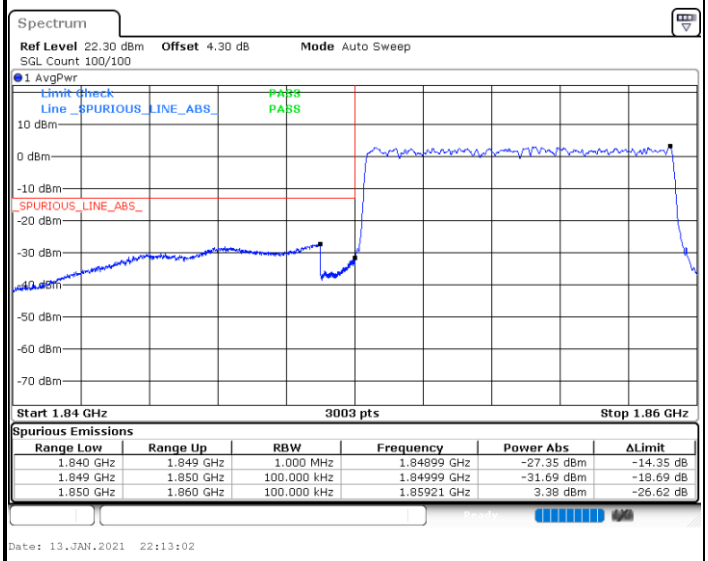
Conducted Band Edge

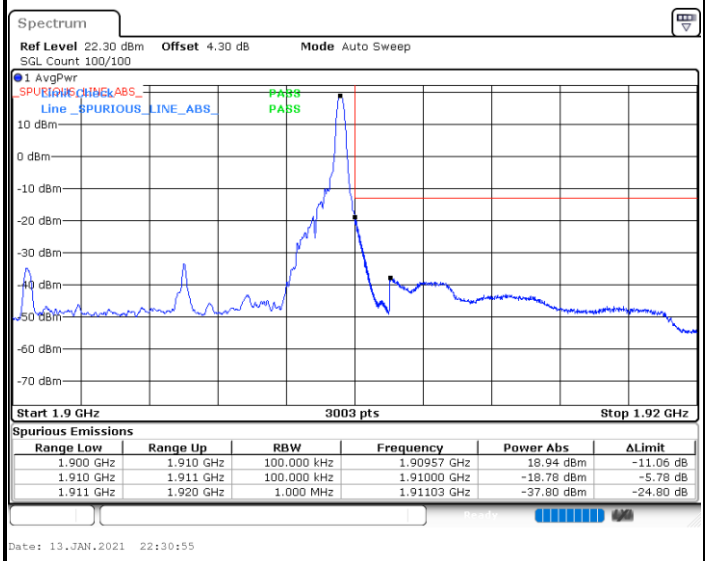
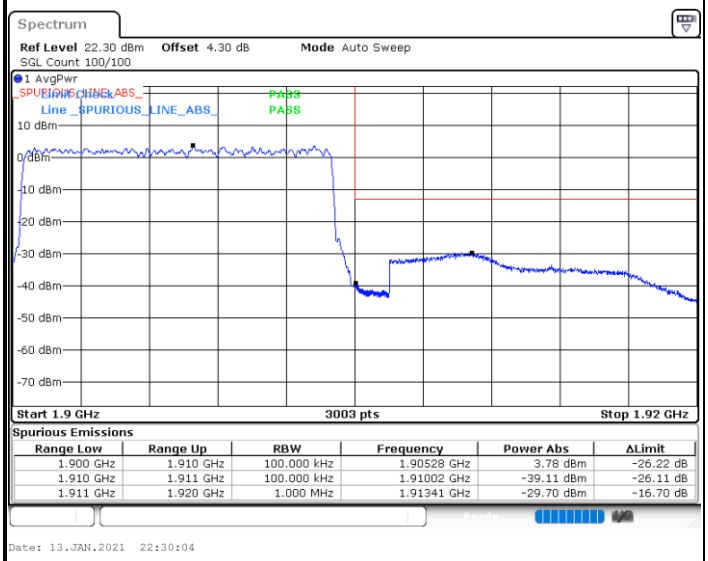
FR1 n2+5A / 5MHz / DFT-S OFDM BPSK	
Lowest Band Edge / 1 RB	**Channel Power < -13dBm Pass**
 Spurious Emissions Range Low / Range Up / RBW / Frequency / Power Abs / ΔLimit 1.840 GHz / 1.849 GHz / 1.000 MHz / 1.84900 GHz / -36.73 dBm / -23.73 dB 1.849 GHz / 1.850 GHz / 50.000 kHz / 1.85000 GHz / -20.84 dBm / -7.84 dB 1.850 GHz / 1.855 GHz / 100.000 kHz / 1.85031 GHz / 18.93 dBm / -11.07 dB Date: 13.JAN.2021 23:27:54	/
Lowest Band Edge / Full RB	**Channel Power < -13dBm Pass**
 Spurious Emissions Range Low / Range Up / RBW / Frequency / Power Abs / ΔLimit 1.840 GHz / 1.849 GHz / 1.000 MHz / 1.84783 GHz / -24.96 dBm / -11.96 dB 1.849 GHz / 1.850 GHz / 50.000 kHz / 1.84999 GHz / -31.45 dBm / -18.45 dB 1.850 GHz / 1.855 GHz / 100.000 kHz / 1.85209 GHz / 6.32 dBm / -23.68 dB Date: 13.JAN.2021 23:27:35	/

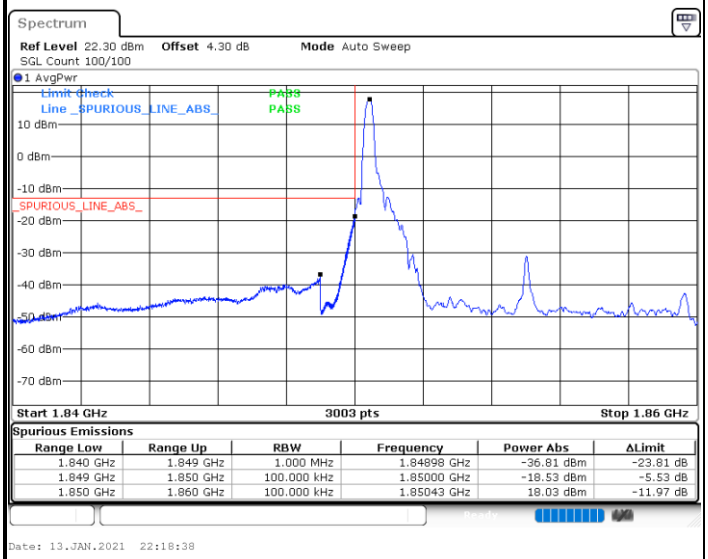
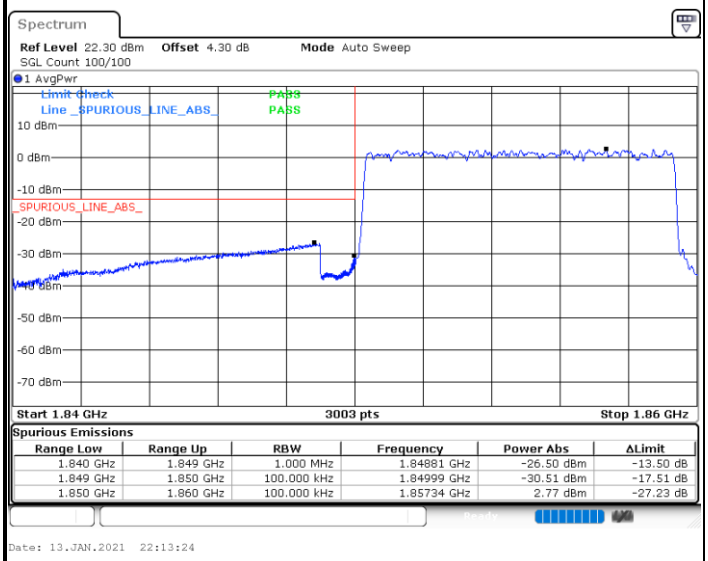
FR1 n2+5A / 5MHz / DFT-S OFDM BPSK	
Highest Band Edge / 1 RB	**Channel Power < -13dBm Pass**
	/
Highest Band Edge / Full RB	**Channel Power < -13dBm Pass**
	/

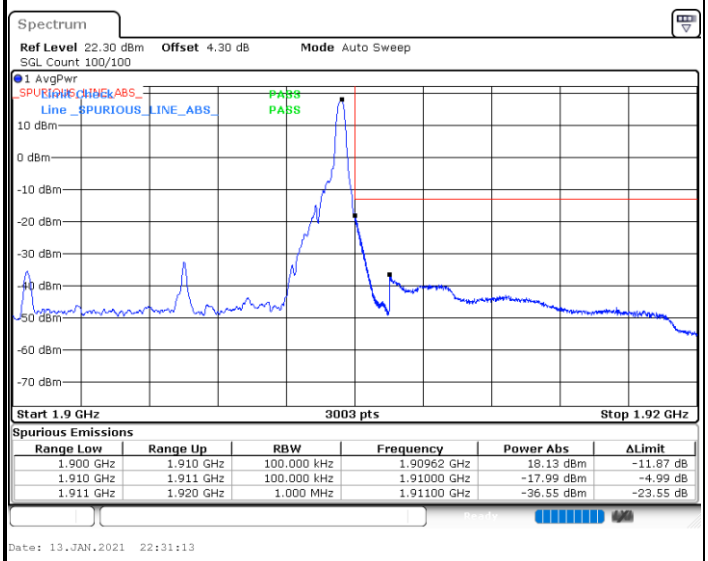
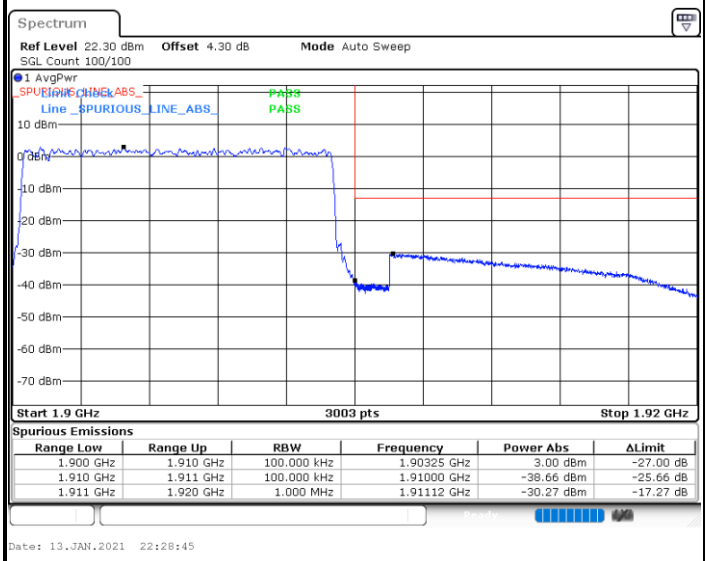
FR1 n2+5A / 5MHz / DFT-S OFDM QPSK	
Lowest Band Edge / 1 RB	**Channel Power < -13dBm Pass**
 Spurious Emissions Range Low / Range Up / RBW / Frequency / Power Abs / ΔLimit 1.840 GHz / 1.849 GHz / 1.000 MHz / 1.84900 GHz / -37.19 dBm / -24.19 dB 1.849 GHz / 1.850 GHz / 50.000 kHz / 1.85000 GHz / -20.89 dBm / -7.89 dB 1.850 GHz / 1.855 GHz / 100.000 kHz / 1.85037 GHz / 18.51 dBm / -11.49 dB Date: 13.JAN.2021 23:28:15	/
Lowest Band Edge / Full RB	**Channel Power < -13dBm Pass**
 Spurious Emissions Range Low / Range Up / RBW / Frequency / Power Abs / ΔLimit 1.840 GHz / 1.849 GHz / 1.000 MHz / 1.84896 GHz / -25.27 dBm / -12.27 dB 1.849 GHz / 1.850 GHz / 50.000 kHz / 1.84999 GHz / -31.97 dBm / -18.97 dB 1.850 GHz / 1.855 GHz / 100.000 kHz / 1.85465 GHz / 6.31 dBm / -23.69 dB Date: 13.JAN.2021 23:27:01	/

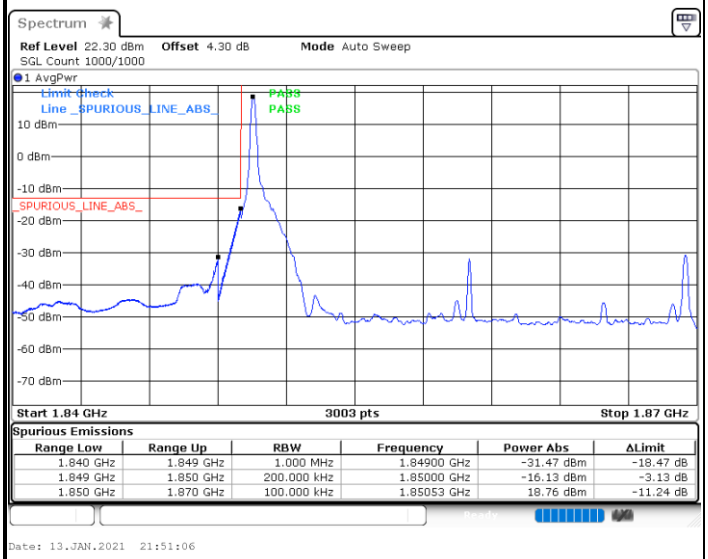
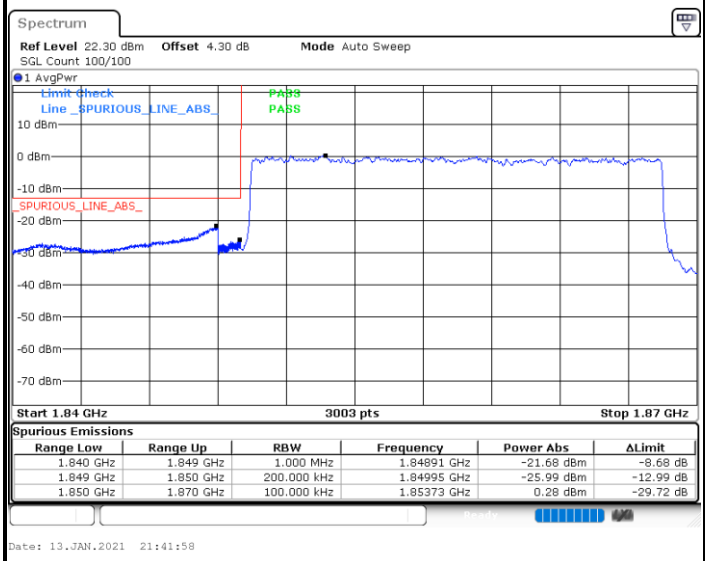
FR1 n2+5A / 5MHz / DFT-S OFDM QPSK	
Highest Band Edge / 1 RB	**Channel Power < -13dBm Pass**
	/
Highest Band Edge / Full RB	**Channel Power < -13dBm Pass**
	/

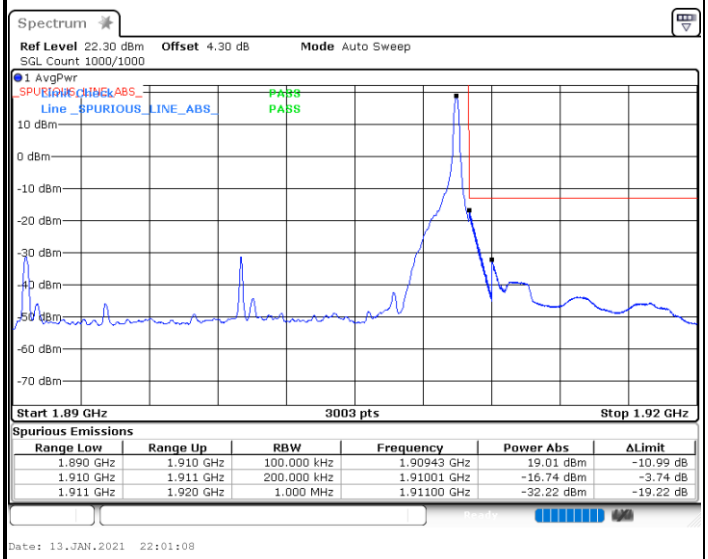
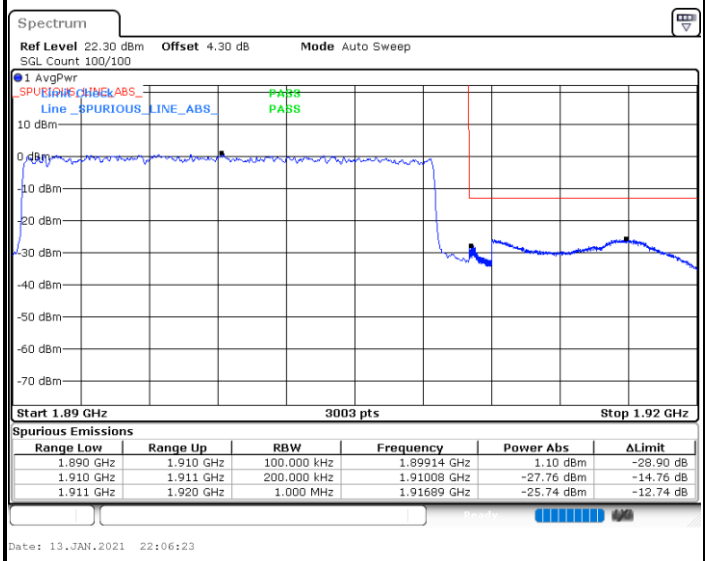
FR1 n2+5A / 10MHz / DFT-S OFDM BPSK	
Lowest Band Edge / 1 RB	**Channel Power < -13dBm Pass**
	/
Lowest Band Edge / Full RB	**Channel Power < -13dBm Pass**
	/

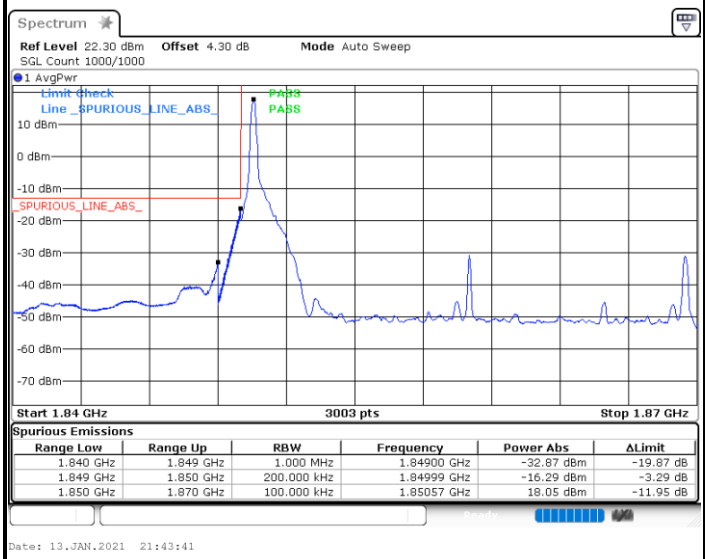
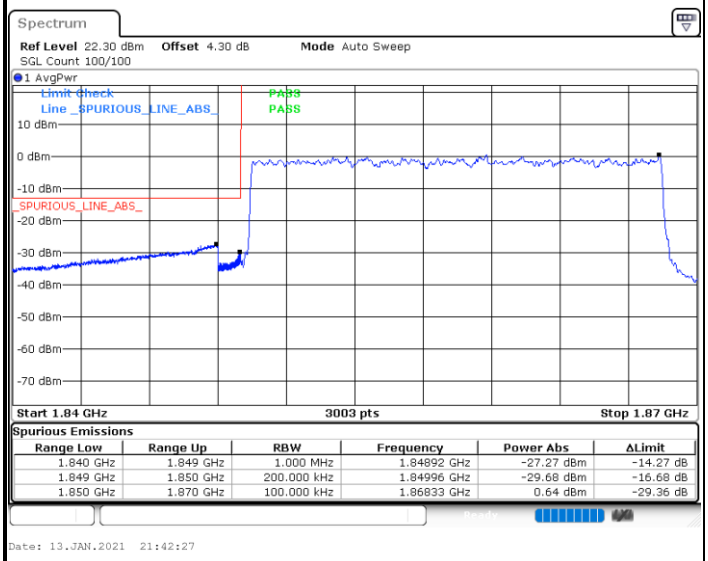
FR1 n2+5A / 10MHz / DFT-S OFDM BPSK	
Highest Band Edge / 1 RB	**Channel Power < -13dBm Pass**
	/
Highest Band Edge / Full RB	**Channel Power < -13dBm Pass**
	/

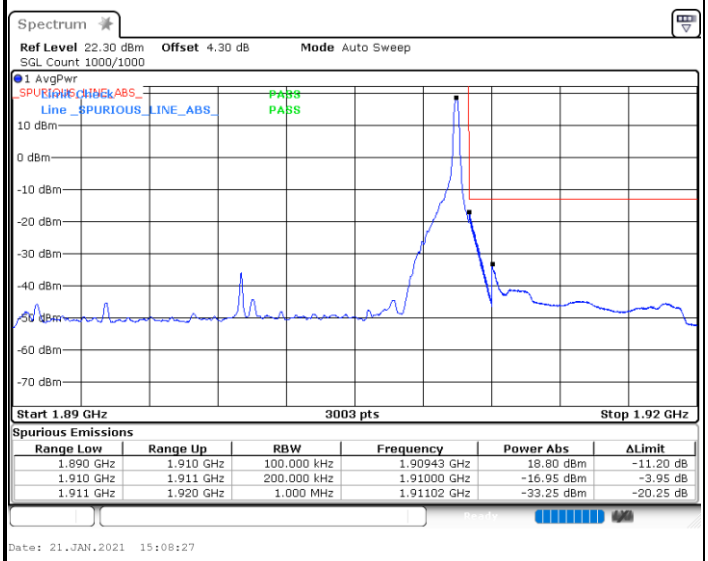
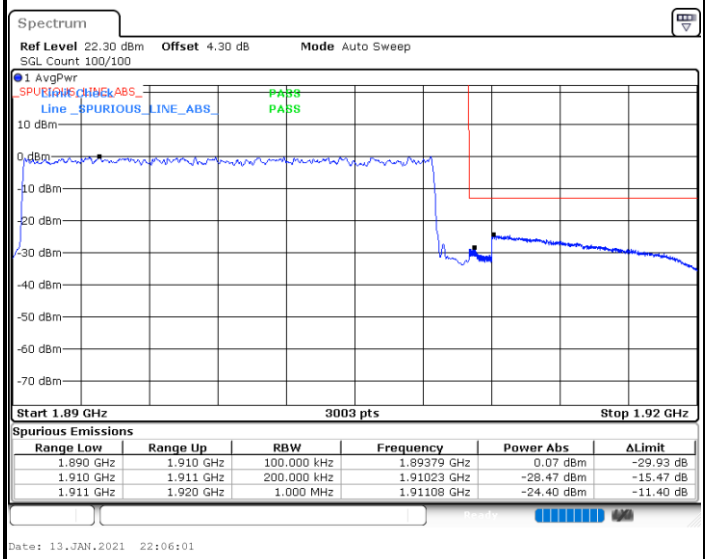
FR1 n2+5A / 10MHz / DFT-S OFDM QPSK	
Lowest Band Edge / 1 RB	**Channel Power < -13dBm Pass**
	/
Lowest Band Edge / Full RB	**Channel Power < -13dBm Pass**
	/

FR1 n2+5A / 10MHz / DFT-S OFDM QPSK	
Highest Band Edge / 1 RB	**Channel Power < -13dBm Pass**
 Spurious Emissions Range Low / Range Up / RBW / Frequency / Power Abs / ΔLimit 1.900 GHz / 1.910 GHz / 100.000 kHz / 1.90962 GHz / 18.13 dBm / -11.87 dB 1.910 GHz / 1.911 GHz / 100.000 kHz / 1.91000 GHz / -17.99 dBm / -4.99 dB 1.911 GHz / 1.920 GHz / 1.000 MHz / 1.91100 GHz / -36.55 dBm / -23.55 dB Date: 13.JAN.2021 22:31:13	/
Highest Band Edge / Full RB	**Channel Power < -13dBm Pass**
 Spurious Emissions Range Low / Range Up / RBW / Frequency / Power Abs / ΔLimit 1.900 GHz / 1.910 GHz / 100.000 kHz / 1.90325 GHz / 3.00 dBm / -27.00 dB 1.910 GHz / 1.911 GHz / 100.000 kHz / 1.91000 GHz / -38.66 dBm / -25.66 dB 1.911 GHz / 1.920 GHz / 1.000 MHz / 1.91112 GHz / -30.27 dBm / -17.27 dB Date: 13.JAN.2021 22:28:45	/

FR1 n2+5A / 20MHz / DFT-S OFDM BPSK	
Lowest Band Edge / 1 RB	**Channel Power < -13dBm Pass**
	/
Lowest Band Edge / Full RB	**Channel Power < -13dBm Pass**
	/

FR1 n2+5A / 20MHz / DFT-S OFDM BPSK	
Highest Band Edge / 1 RB	**Channel Power < -13dBm Pass**
	/
Highest Band Edge / Full RB	**Channel Power < -13dBm Pass**
	/

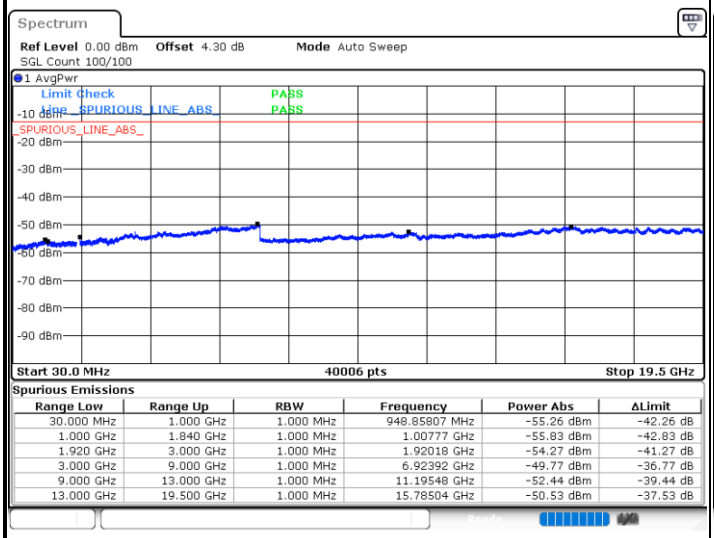
FR1 n2+5A / 20MHz / DFT-S OFDM QPSK	
Lowest Band Edge / 1 RB	**Channel Power < -13dBm Pass**
	/
Lowest Band Edge / Full RB	**Channel Power < -13dBm Pass**
	/

FR1 n2+5A / 20MHz / DFT-S OFDM QPSK	
Highest Band Edge / 1 RB	**Channel Power < -13dBm Pass**
	/
Highest Band Edge / Full RB	**Channel Power < -13dBm Pass**
	/

Conducted Spurious Emission

FR1 n2+5A / 5MHz / DFT-S OFDM / BPSK

Lowest Channel / 1RB

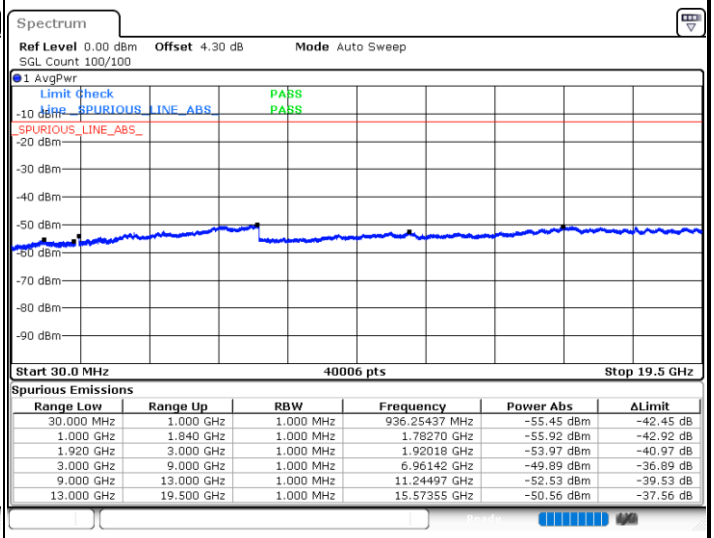


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	948.85807 MHz	-55.26 dBm	-42.26 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.00777 GHz	-55.83 dBm	-42.83 dB
1.920 GHz	3.000 GHz	1.000 MHz	1.92018 GHz	-54.27 dBm	-41.27 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.92392 GHz	-49.77 dBm	-36.77 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.19548 GHz	-52.44 dBm	-39.44 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.78504 GHz	-50.53 dBm	-37.53 dB

Date: 13.JAN.2021 23:08:01

Middle Channel / 1RB

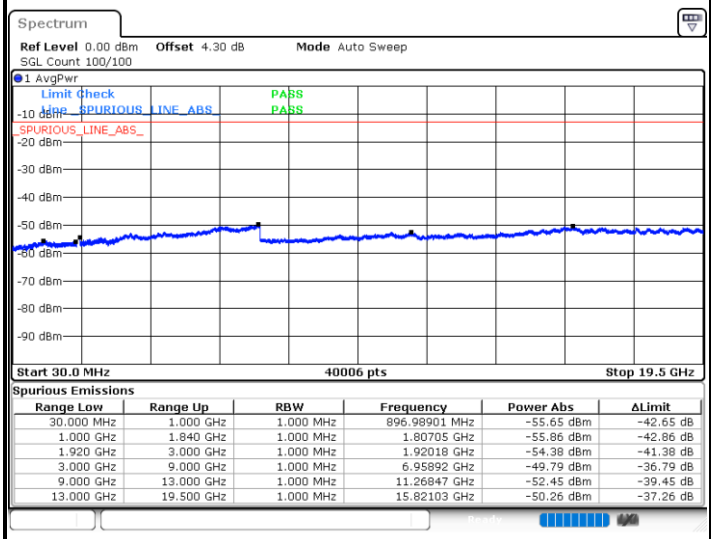


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	936.25437 MHz	-55.45 dBm	-42.45 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.78270 GHz	-55.92 dBm	-42.92 dB
1.920 GHz	3.000 GHz	1.000 MHz	1.92018 GHz	-53.97 dBm	-40.97 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.96142 GHz	-49.89 dBm	-36.89 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.24497 GHz	-52.53 dBm	-39.53 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.57355 GHz	-50.56 dBm	-37.56 dB

Date: 13.JAN.2021 23:12:47

Highest Channel / 1RB



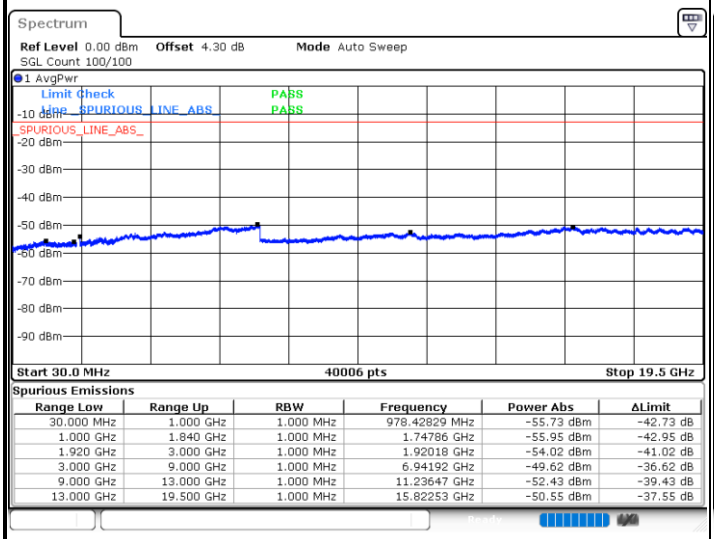
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	896.98901 MHz	-55.65 dBm	-42.65 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.80705 GHz	-55.86 dBm	-42.86 dB
1.920 GHz	3.000 GHz	1.000 MHz	1.92018 GHz	-54.38 dBm	-41.38 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.95892 GHz	-49.79 dBm	-36.79 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.26847 GHz	-52.45 dBm	-39.45 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.82103 GHz	-50.26 dBm	-37.26 dB

Date: 13.JAN.2021 23:14:05

FR1 n2+5A / 5MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB

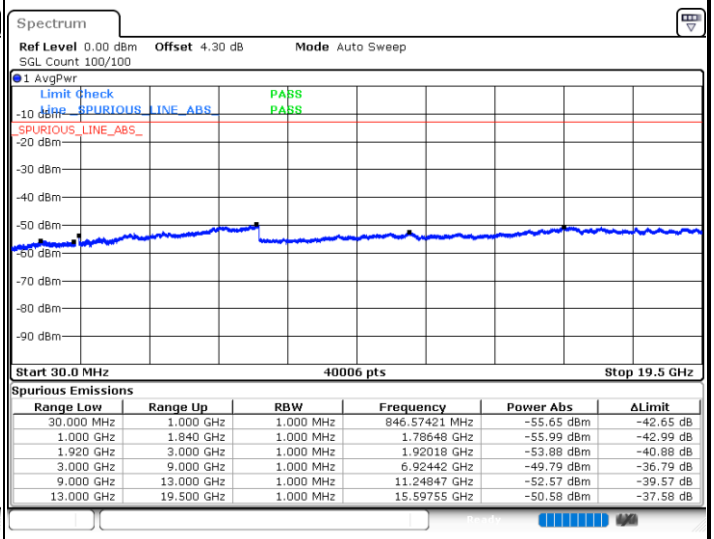


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	978.42829 MHz	-55.73 dBm	-42.73 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.74786 GHz	-55.95 dBm	-42.95 dB
1.920 GHz	3.000 GHz	1.000 MHz	1.92018 GHz	-54.02 dBm	-41.02 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.94192 GHz	-49.62 dBm	-36.62 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.23647 GHz	-52.43 dBm	-39.43 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.82253 GHz	-50.55 dBm	-37.55 dB

Date: 13.JAN.2021 23:09:51

Middle Channel / 1RB

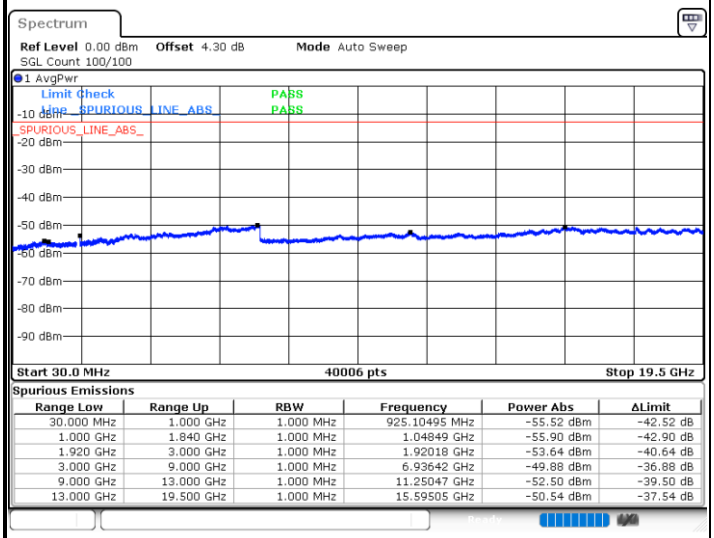


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	846.57421 MHz	-55.65 dBm	-42.65 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.78648 GHz	-55.99 dBm	-42.99 dB
1.920 GHz	3.000 GHz	1.000 MHz	1.92018 GHz	-53.88 dBm	-40.88 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.92442 GHz	-49.79 dBm	-36.79 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.24847 GHz	-52.57 dBm	-39.57 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.59755 GHz	-50.58 dBm	-37.58 dB

Date: 13.JAN.2021 23:11:13

Highest Channel / 1RB



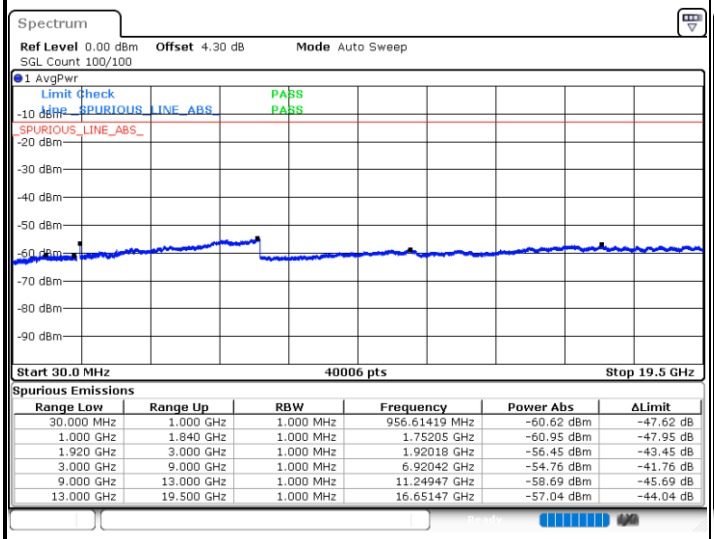
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	925.10495 MHz	-55.52 dBm	-42.52 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.04849 GHz	-55.90 dBm	-42.90 dB
1.920 GHz	3.000 GHz	1.000 MHz	1.92018 GHz	-53.64 dBm	-40.64 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.93642 GHz	-49.88 dBm	-36.88 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.25047 GHz	-52.50 dBm	-39.50 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.59505 GHz	-50.54 dBm	-37.54 dB

Date: 13.JAN.2021 23:17:33

FR1 n2+5A / 10MHz / DFT-S OFDM / BPSK

Lowest Channel / 1RB

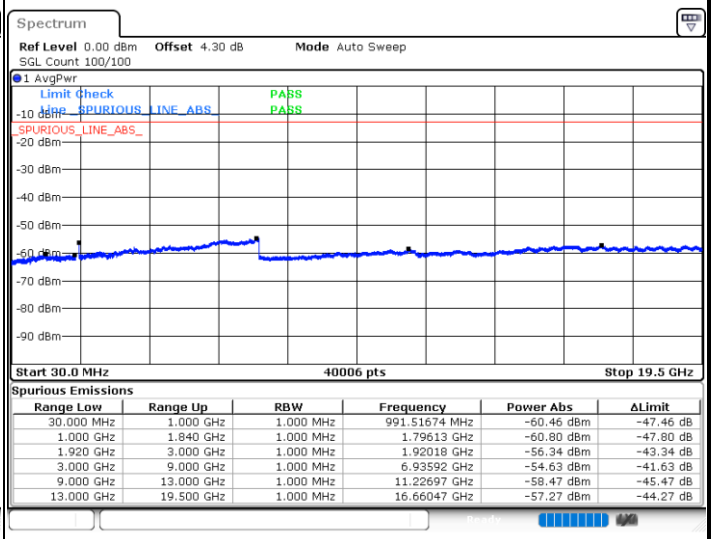


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	956.61419 MHz	-60.62 dBm	-47.62 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.75205 GHz	-60.95 dBm	-47.95 dB
1.920 GHz	3.000 GHz	1.000 MHz	1.92018 GHz	-56.45 dBm	-43.45 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.92042 GHz	-54.76 dBm	-41.76 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.24947 GHz	-58.69 dBm	-45.69 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.65147 GHz	-57.04 dBm	-44.04 dB

Date: 13.JAN.2021 23:01:12

Middle Channel / 1RB

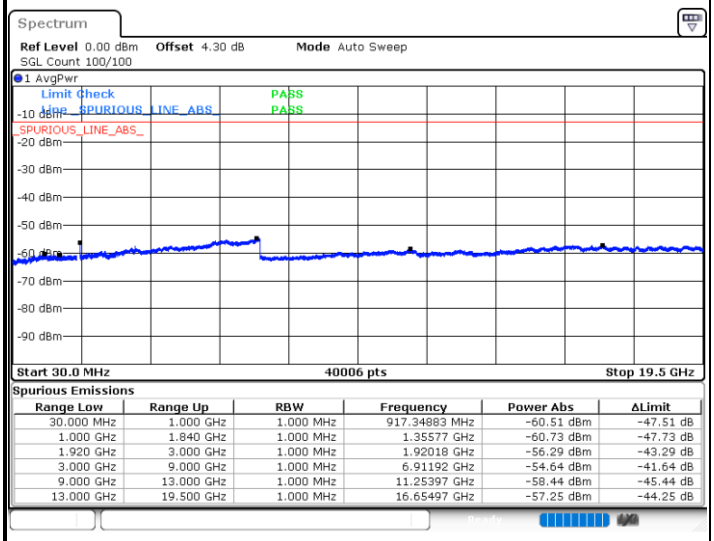


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	991.51674 MHz	-60.46 dBm	-47.46 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.79613 GHz	-60.80 dBm	-47.80 dB
1.920 GHz	3.000 GHz	1.000 MHz	1.92018 GHz	-56.34 dBm	-43.34 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.93592 GHz	-54.63 dBm	-41.63 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.22697 GHz	-58.47 dBm	-45.47 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.66047 GHz	-57.27 dBm	-44.27 dB

Date: 13.JAN.2021 22:44:49

Highest Channel / 1RB



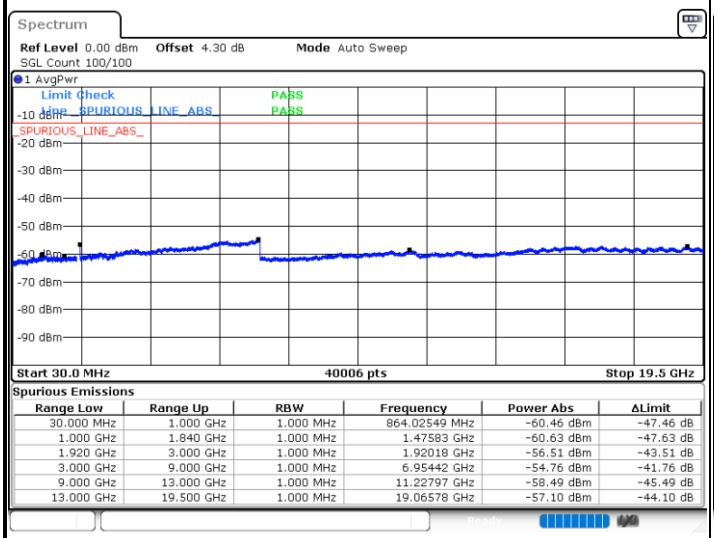
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	917.34883 MHz	-60.51 dBm	-47.51 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.35577 GHz	-60.73 dBm	-47.73 dB
1.920 GHz	3.000 GHz	1.000 MHz	1.92018 GHz	-56.29 dBm	-43.29 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.91192 GHz	-54.64 dBm	-41.64 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.25397 GHz	-58.44 dBm	-45.44 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.65497 GHz	-57.25 dBm	-44.25 dB

Date: 13.JAN.2021 22:41:51

FR1 n2+5A / 10MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB

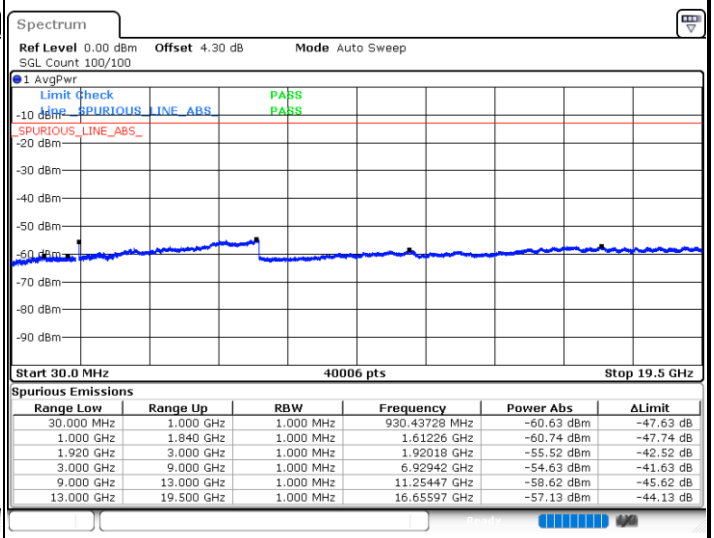


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	864.02549 MHz	-60.46 dBm	-47.46 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.47583 GHz	-60.63 dBm	-47.63 dB
1.920 GHz	3.000 GHz	1.000 MHz	1.92018 GHz	-56.51 dBm	-43.51 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.95442 GHz	-54.76 dBm	-41.76 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.22797 GHz	-58.49 dBm	-45.49 dB
13.000 GHz	19.500 GHz	1.000 MHz	19.06578 GHz	-57.10 dBm	-44.10 dB

Date: 13.JAN.2021 22:59:21

Middle Channel / 1RB

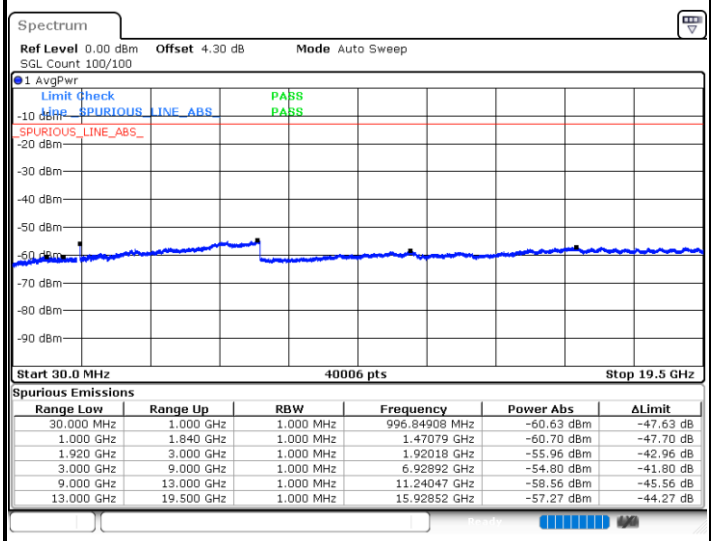


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	930.43728 MHz	-60.63 dBm	-47.63 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.61226 GHz	-60.74 dBm	-47.74 dB
1.920 GHz	3.000 GHz	1.000 MHz	1.92018 GHz	-55.52 dBm	-42.52 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.92942 GHz	-54.63 dBm	-41.63 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.25447 GHz	-58.62 dBm	-45.62 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.65597 GHz	-57.13 dBm	-44.13 dB

Date: 13.JAN.2021 22:49:13

Highest Channel / 1RB



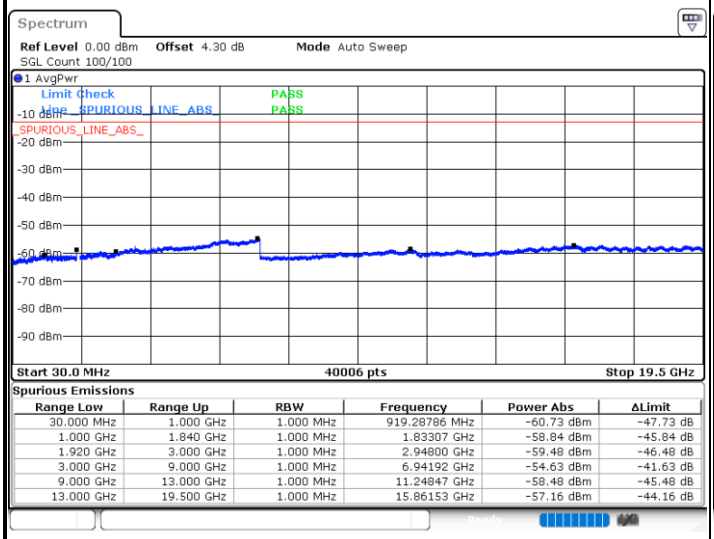
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	996.84908 MHz	-60.63 dBm	-47.63 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.47079 GHz	-60.70 dBm	-47.70 dB
1.920 GHz	3.000 GHz	1.000 MHz	1.92018 GHz	-55.96 dBm	-42.96 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.92892 GHz	-54.80 dBm	-41.80 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.24047 GHz	-58.56 dBm	-45.56 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.92852 GHz	-57.27 dBm	-44.27 dB

Date: 13.JAN.2021 22:37:46

FR1 n2+5A / 20MHz / DFT-S OFDM / BPSK

Lowest Channel / 1RB

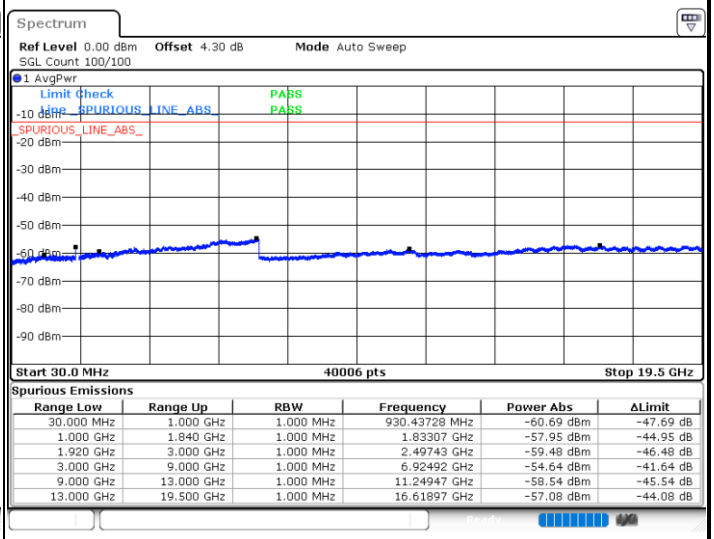


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	919.28786 MHz	-60.73 dBm	-47.73 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83307 GHz	-58.84 dBm	-45.84 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.94800 GHz	-59.48 dBm	-46.48 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.94192 GHz	-54.63 dBm	-41.63 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.24847 GHz	-58.48 dBm	-45.48 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.86153 GHz	-57.16 dBm	-44.16 dB

Date: 13.JAN.2021 21:19:48

Middle Channel / 1RB

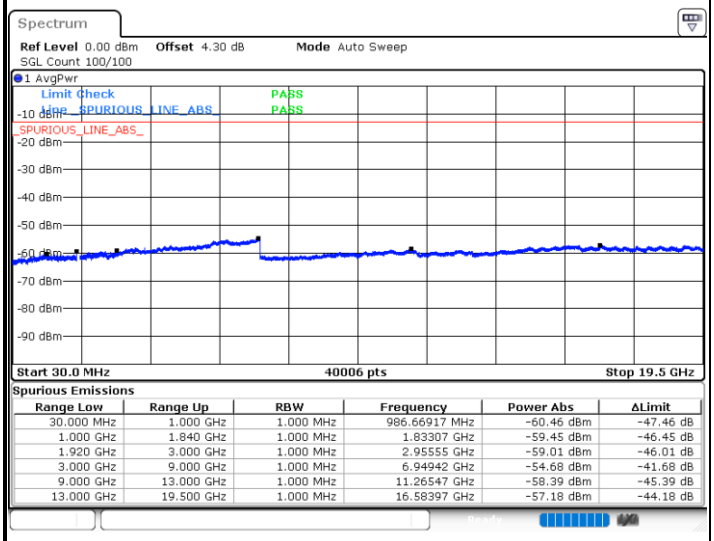


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	930.43728 MHz	-60.69 dBm	-47.69 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83307 GHz	-57.95 dBm	-44.95 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.49743 GHz	-59.48 dBm	-46.48 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.92492 GHz	-54.64 dBm	-41.64 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.24947 GHz	-58.54 dBm	-45.54 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.61897 GHz	-57.08 dBm	-44.08 dB

Date: 13.JAN.2021 21:07:20

Highest Channel / 1RB



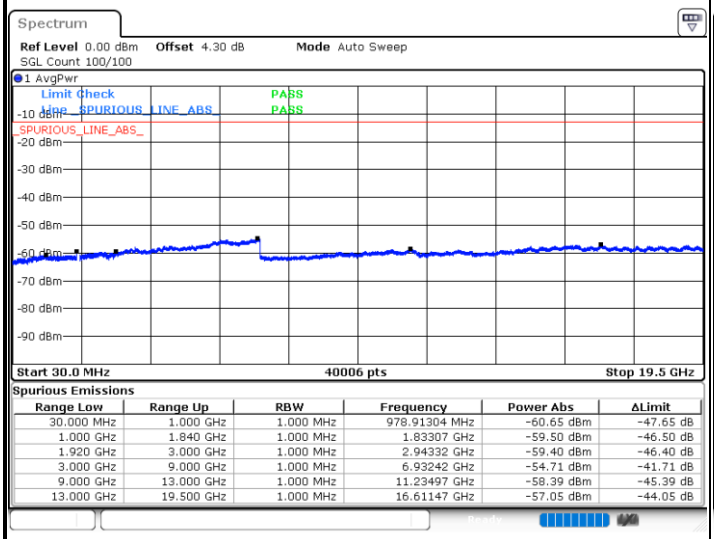
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	986.66917 MHz	-60.46 dBm	-47.46 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83307 GHz	-59.45 dBm	-46.45 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.95555 GHz	-59.01 dBm	-46.01 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.94942 GHz	-54.68 dBm	-41.68 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.26547 GHz	-58.39 dBm	-45.39 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.58397 GHz	-57.18 dBm	-44.18 dB

Date: 13.JAN.2021 21:16:38

FR1 n2+5A / 20MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB

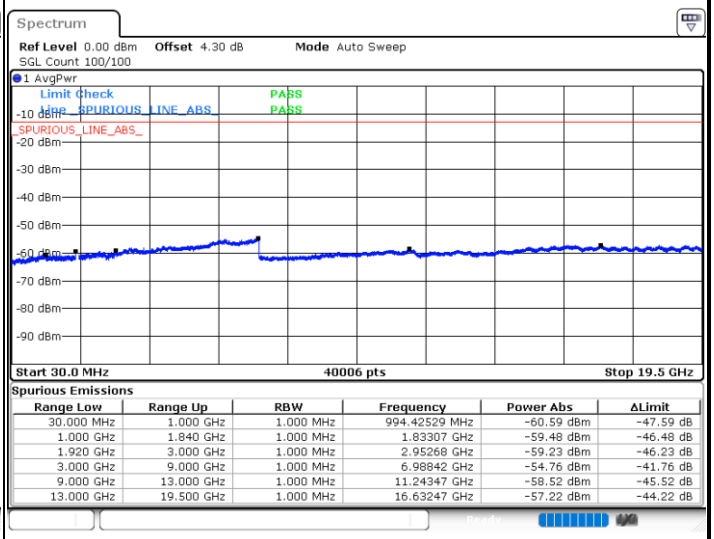


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	978.91304 MHz	-60.65 dBm	-47.65 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83307 GHz	-59.50 dBm	-46.50 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.94332 GHz	-59.40 dBm	-46.40 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.93242 GHz	-54.71 dBm	-41.71 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.23497 GHz	-58.39 dBm	-45.39 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.61147 GHz	-57.05 dBm	-44.05 dB

Date: 13.JAN.2021 21:37:20

Middle Channel / 1RB

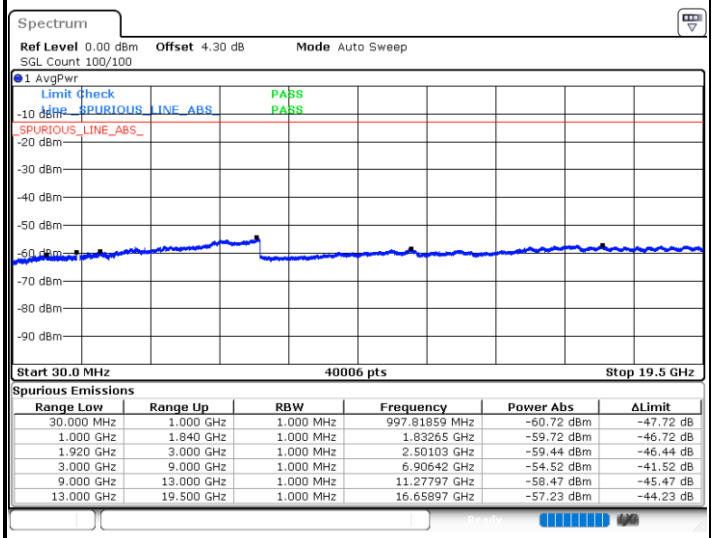


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	994.42529 MHz	-60.59 dBm	-47.59 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83307 GHz	-59.48 dBm	-46.48 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.95268 GHz	-59.23 dBm	-46.23 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98842 GHz	-54.76 dBm	-41.76 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.24347 GHz	-58.52 dBm	-45.52 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.63247 GHz	-57.22 dBm	-44.22 dB

Date: 13.JAN.2021 21:10:44

Highest Channel / 1RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	997.81859 MHz	-60.72 dBm	-47.72 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83265 GHz	-59.72 dBm	-46.72 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.50103 GHz	-59.44 dBm	-46.44 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.90642 GHz	-54.52 dBm	-41.52 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.27797 GHz	-58.47 dBm	-45.47 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.65897 GHz	-57.23 dBm	-44.23 dB

Date: 13.JAN.2021 21:12:32

Frequency Stability

Test Conditions		NR n2+5A (BPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 20MHz	Within Band
		Deviation (ppm)	Result
50	Normal Voltage	0.0018	PASS
40	Normal Voltage	0.0017	
30	Normal Voltage	0.0016	
20(Ref.)	Normal Voltage	0.0013	
10	Normal Voltage	0.0013	
0	Normal Voltage	0.0025	
-10	Normal Voltage	0.0019	
-20	Normal Voltage	0.0018	
-30	Normal Voltage	0.0017	
20	Maximum Voltage	0.0026	
20	Normal Voltage	0.0031	
20	Battery End Point	0.0013	

Note:

1. Normal Voltage =3.3 V. ; Battery End Point (BEP) =3.14 V. ; Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

FR1 n5 SA

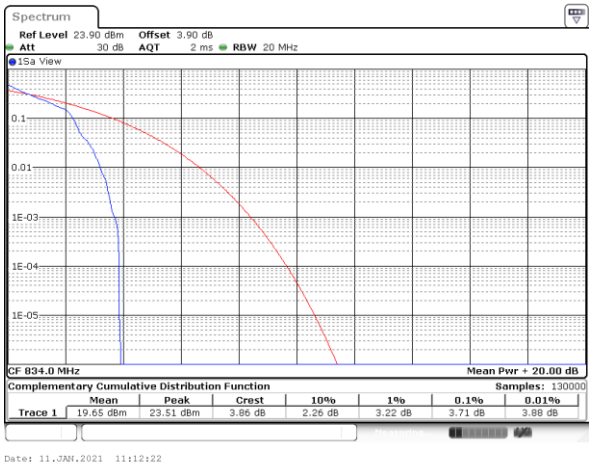
Peak-to-Average Ratio

Mode	FR1 n5 / 20MHz / DFT-S OFDM				
Mod.	PI/2 BPSK	PI/2 BPSK	QPSK	QPSK	Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	3.71	3.86	5.04	5.04	PASS
Middle CH	3.83	3.94	5.13	5.07	
Highest CH	3.59	3.80	5.10	4.99	

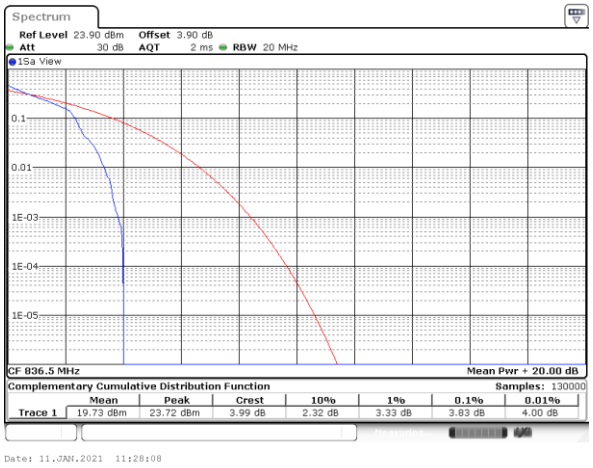
FR1 n5 / 20MHz / DFT-S OFDM

PI/2 BPSK

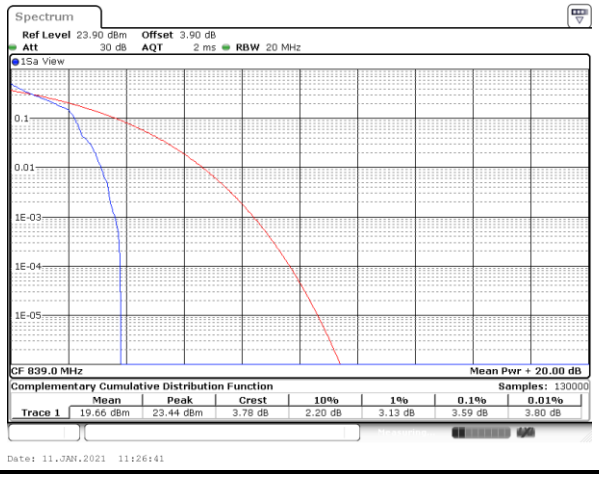
Lowest Channel / 1RB



Middle Channel / 1 RB

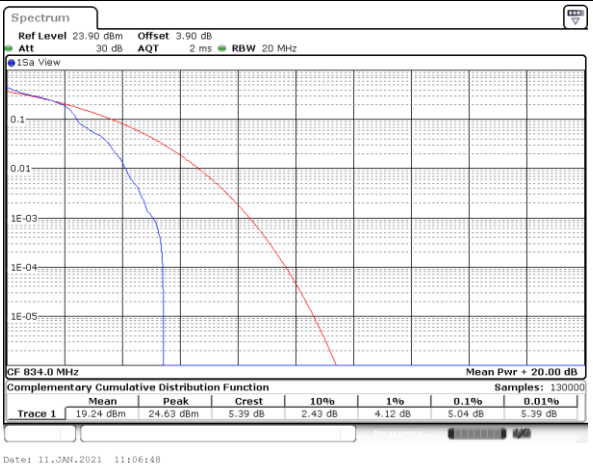


Highest Channel / 1 RB

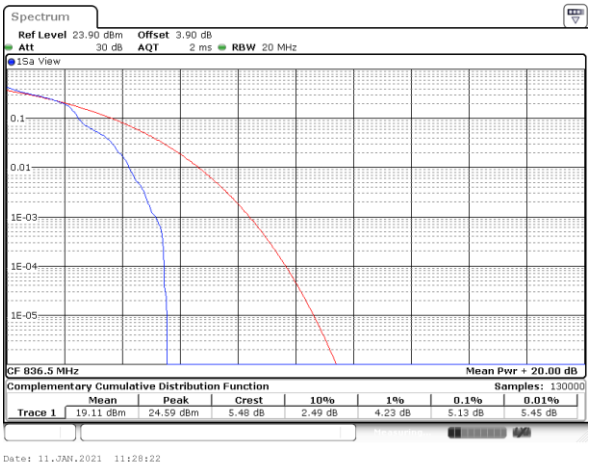


QPSK

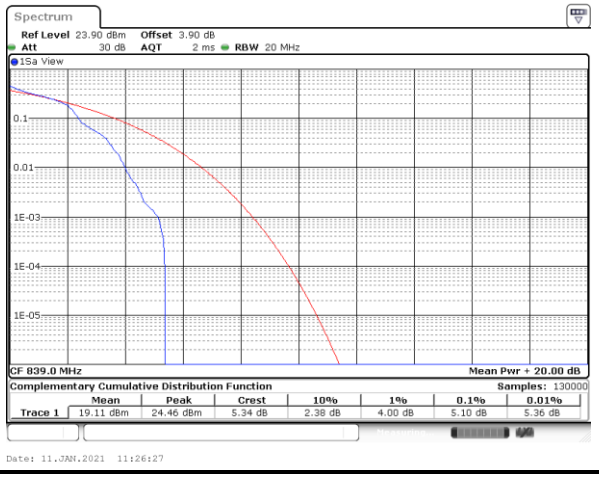
Lowest Channel / 1RB



Middle Channel / 1 RB



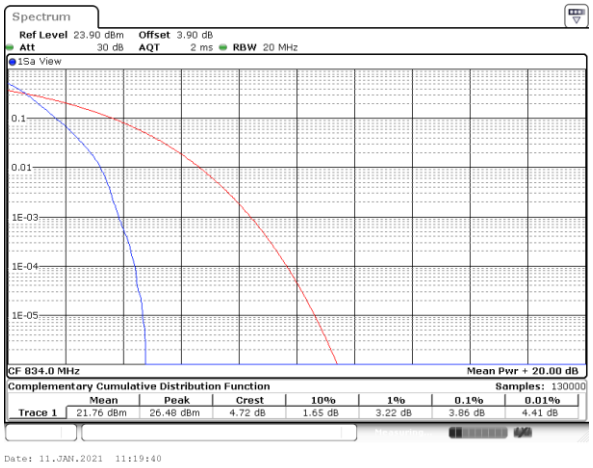
Highest Channel / 1 RB



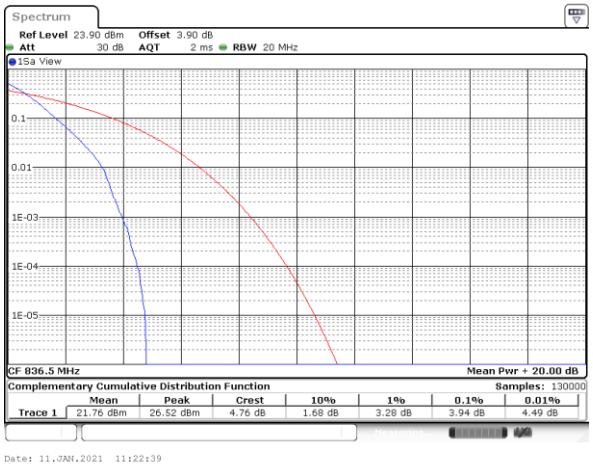
FR1 n5 / 20MHz / DFT-S OFDM

PI/2 BPSK

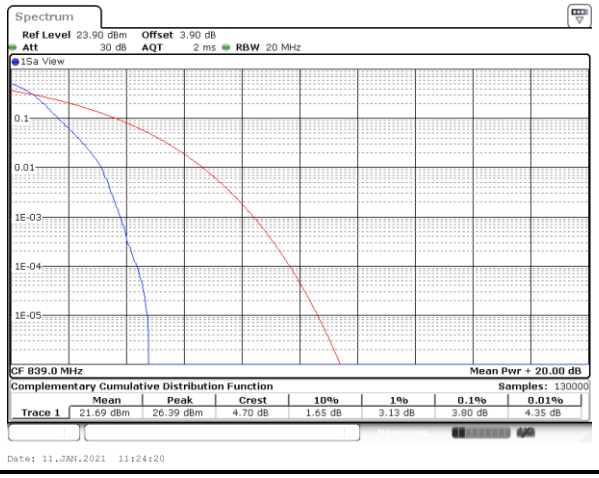
Lowest Channel / Full RB



Middle Channel / Full RB

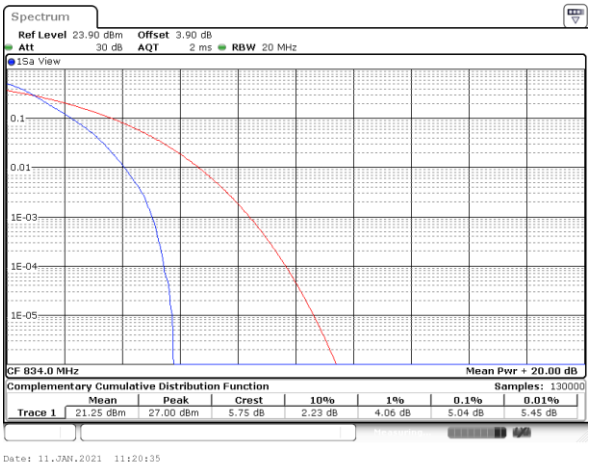


Highest Channel / Full RB

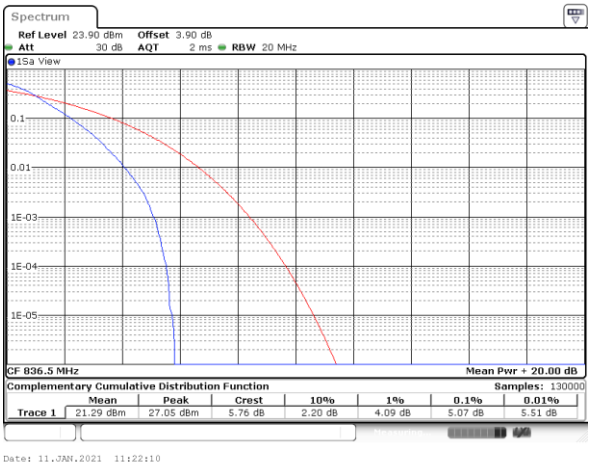


QPSK

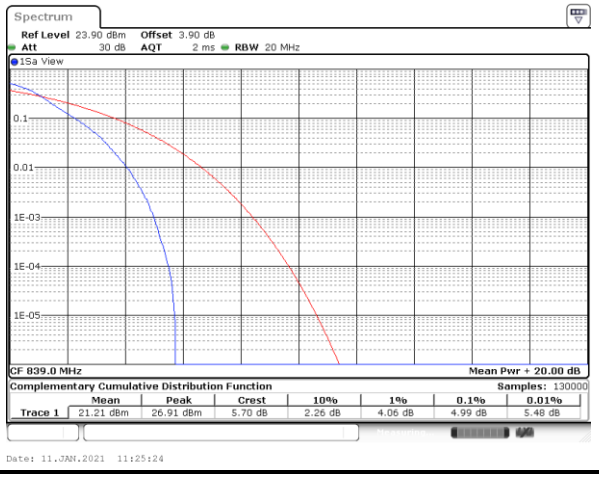
Lowest Channel / Full RB



Middle Channel / Full RB



Highest Channel / Full RB



26dB Bandwidth

Mode	FR1 n5 : 26dB BW(MHz) / CP-OFDM							
BW	5MHz	5MHz	5MHz	5MHz				
Mod.	QPSK	16QAM	64QAM	256QAM				
Middle CH	4.95	4.88	4.93	4.84				

Mode	FR1 n5 : 26dB BW(MHz) / CP-OFDM							
BW	10MHz	10MHz	10MHz	10MHz				
Mod.	QPSK	16QAM	64QAM	256QAM				
Middle CH	9.87	9.77	9.83	9.71				

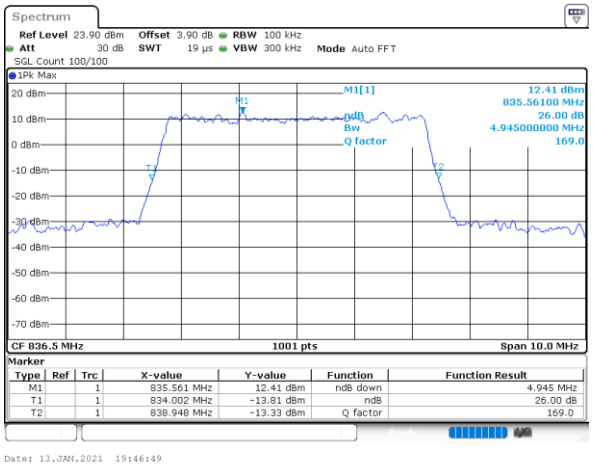
Mode	FR1 n5 : 26dB BW(MHz) / CP-OFDM							
BW	15MHz	15MHz	15MHz	15MHz				
Mod.	QPSK	16QAM	64QAM	256QAM				
Middle CH	14.87	14.93	14.93	14.98				

Mode	FR1 n5 : 26dB BW(MHz) / CP-OFDM							
BW	20MHz	20MHz	20MHz	20MHz				
Mod.	QPSK	16QAM	64QAM	256QAM				
Middle CH	20.06	20.02	19.94	20.14				

FR1 n5 / 5MHz / CP-OFDM

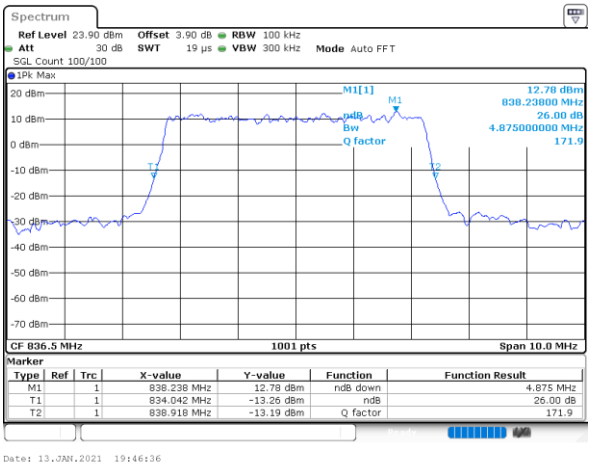
QPSK

Middle Channel



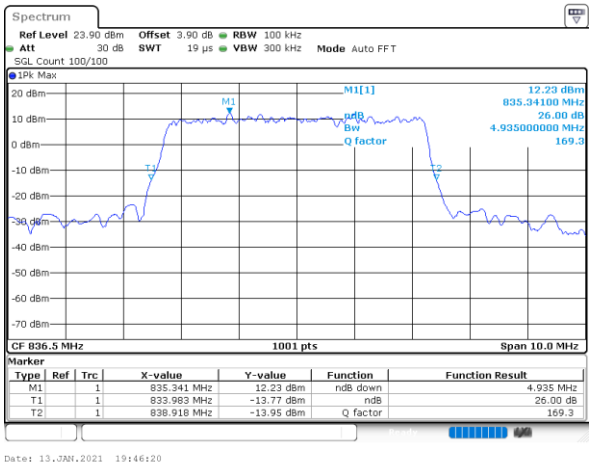
16QAM

Middle Channel



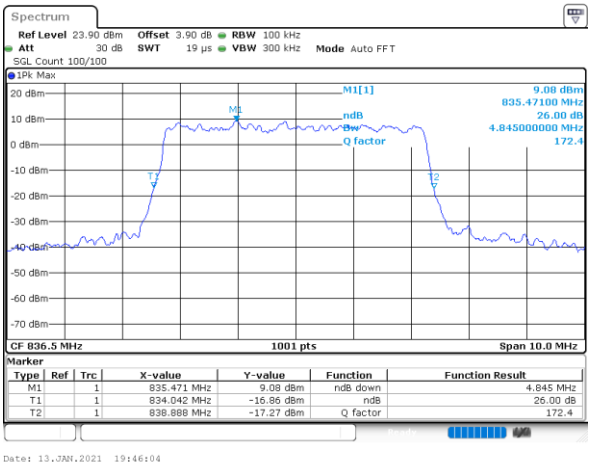
64QAM

Middle Channel



256QAM

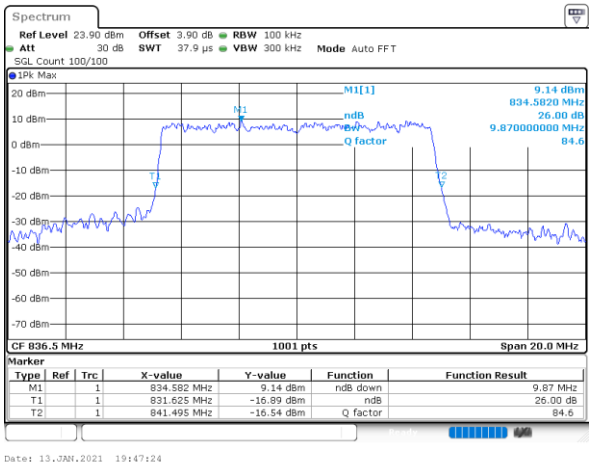
Middle Channel



FR1 n5 / 10MHz / CP-OFDM

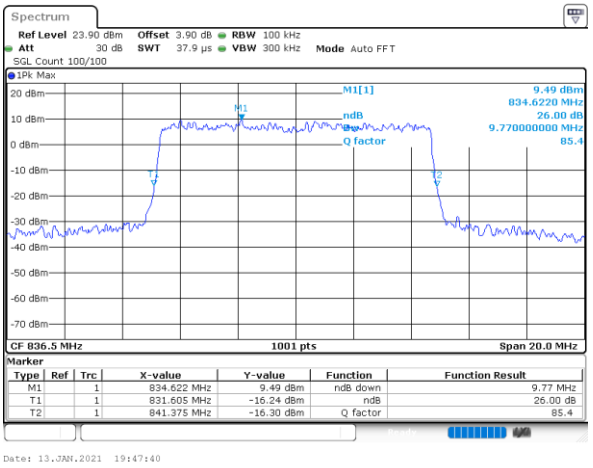
QPSK

Middle Channel



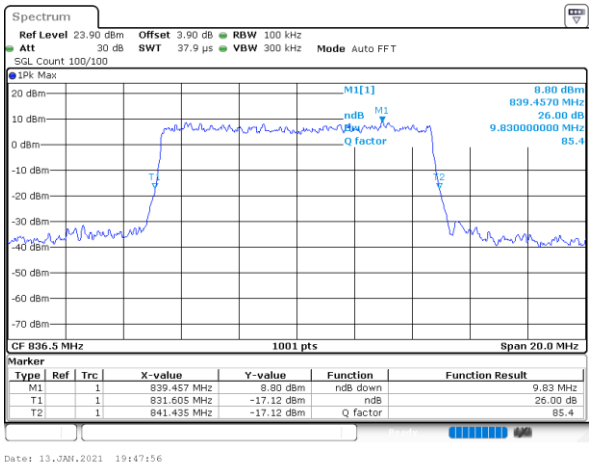
16QAM

Middle Channel



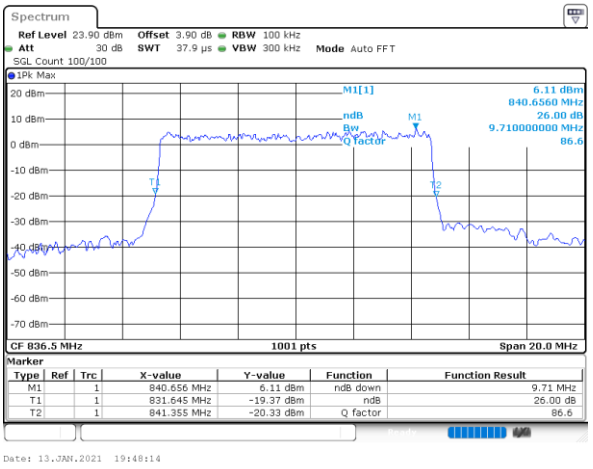
64QAM

Middle Channel



256QAM

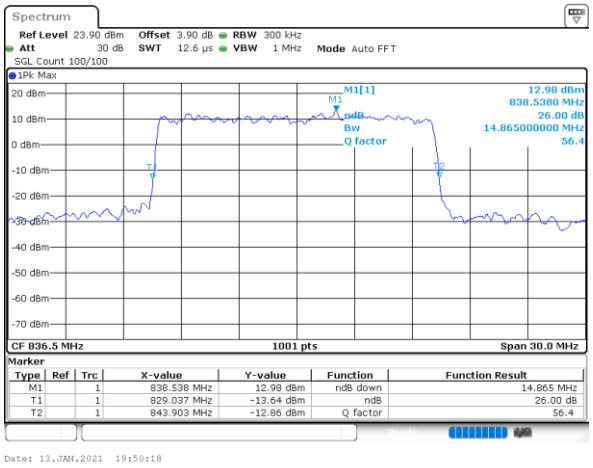
Middle Channel



FR1 n5 / 15MHz / CP-OFDM

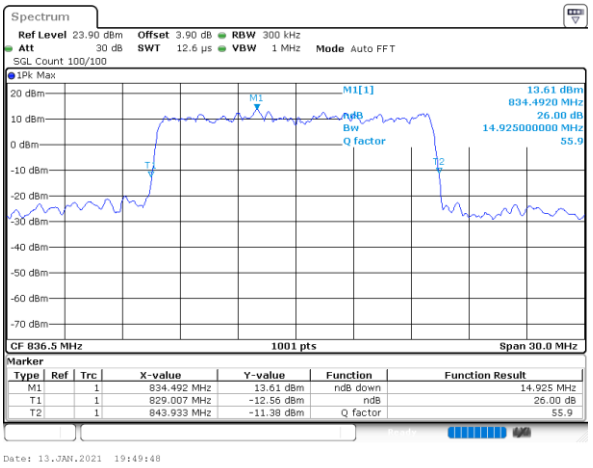
QPSK

Middle Channel



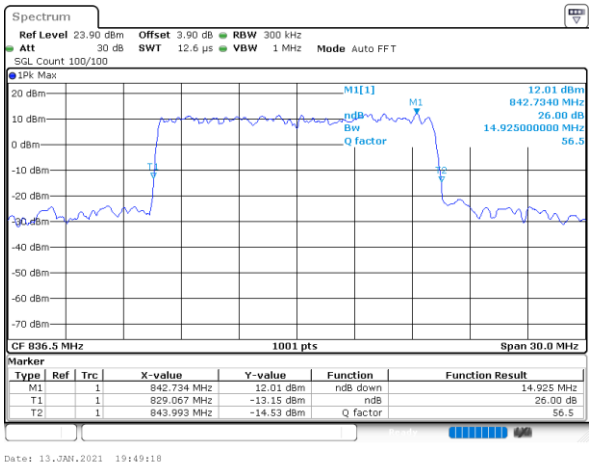
16QAM

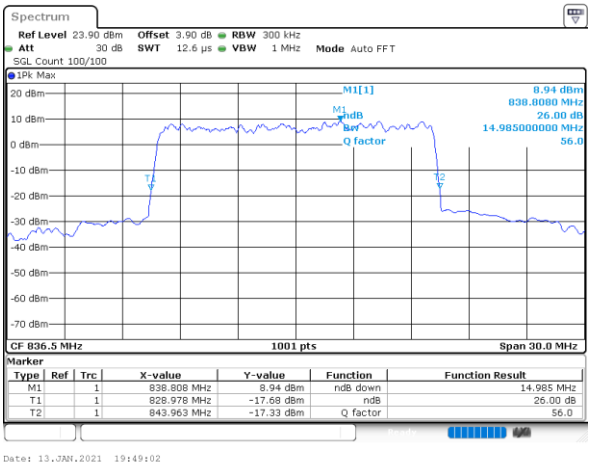
Middle Channel



64QAM

Middle Channel



256QAM

Middle Channel